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HYDROGRAPHIC DATA FROM THE
COASTAL TRANSITION ZONE (CTZ) PROGRAM
5 - 19 JULY 1988

by

Paul F. Jessen
and
Steven R. Ramp✓

December 1991

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19. ABSTRACT (Continue on reverse if necessary and identify by block number) This is a data report which presents hydrographic (CTD) data from a cruise off Point Arena, CA during 5-19 July 1988. The study area was between 37°2'N to 39°21'N and 123°20'W to 126°20'W. The sampling plan consisted of a grid of six alongshore transects 40km apart, with 5 to 9 stations approximately 25km apart along each transect. The sampling grid was occupied twice during the cruise, starting each time at the southeast corner of the study area. A total of 114 CTD to 500m and 16 XBT drops to 450m were made. The data are presented as individual vertical profiles, vertical sections, and property distributions on horizontal surfaces. The data were collected as part of the ONR Coastal Transition Program to study cold filaments in the region.					
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Coastal Transition Zone (CTZ) Program

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Paul F. Jessen
and
Steven R. Ramp

Chief Scientist:
Steven R. Ramp

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INTRODUCTION

The data included in this report were collected as part of the Office of Naval Research (ONR) Coastal Transition Zone program during July 5-19, 1988, aboard the research vessel POINT SUR. The study area encompassed the region from 20 nautical miles south of San Francisco, California north to about $39^{\circ} 21.00'$ N from the coast to approximately 275 km offshore. This cruise was one of five conducted between June and August of 1988 to make six maps of an area off Point Arena where cold filaments had been previously observed. Each cruise produced a quasi-synoptic 3-dimensional map of the hydrographic structure and velocity fields in the study area with the purpose of improving our understanding of cold filaments off the California coast. The planned sampling grid (Fig. 1) consisted of 6 alongshore transects 40 km apart, with 5 to 9 CTD stations approximately 25 km apart along each transect. This grid was occupied twice during the cruise, starting each time at the southeast corner of the study area.

Based on satellite imagery from the Scripps Satellite Oceanography Facility and communication with the other research vessels in the area, the actual sampling grids (Figs. 2 & 3) were modified somewhat from the planned grid to insure more complete sampling in the observed filament. Stations C1, D1, E1, and F1 through F3 (Fig. 1) were dropped from the northern edge of the grid and one station was added to each of these sections at the southern edge of the grid (stations 122, 939, 940, and 158 (Fig. 2) and stations 222, 839, 840, and 258 (Fig. 3)). Also, an extra

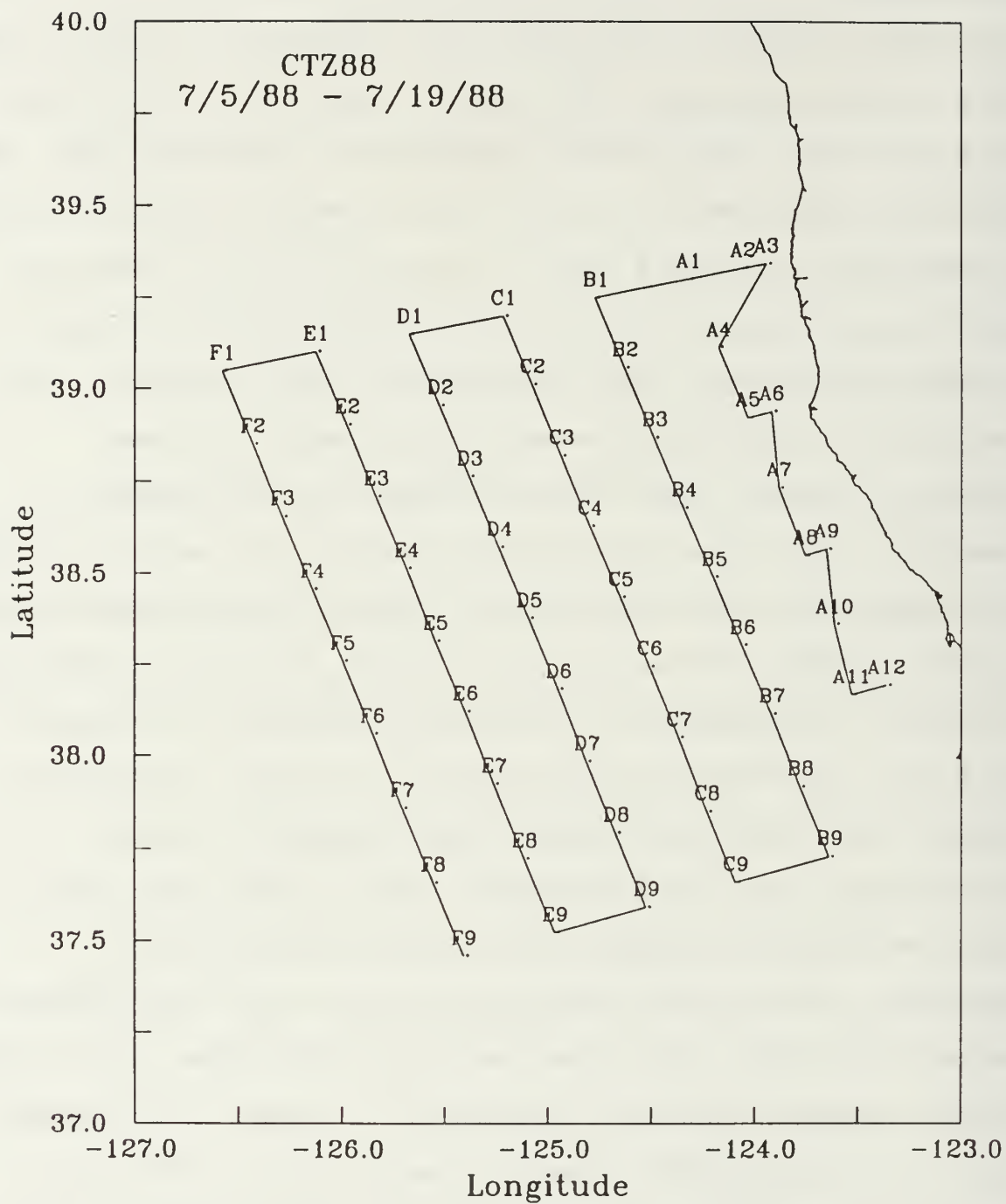


Figure 1. Planned CTD station grid and numbers for the Coastal Transition Zone experiment (CTZ88) during July 5-19, 1988.

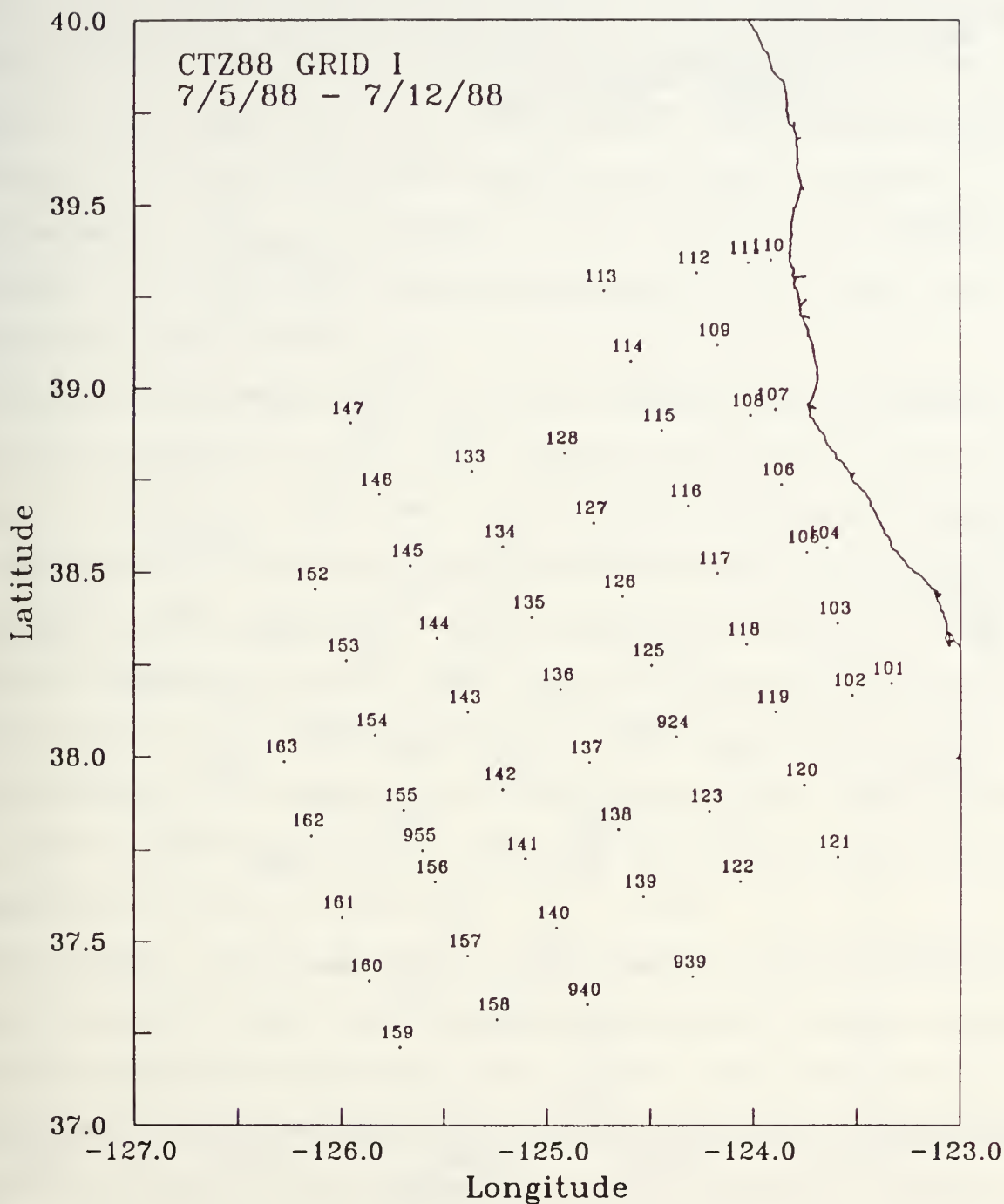


Figure 2. CTD station numbers and locations for part I of the Coastal Transition Zone experiment (CTZ88) during July 5-12, 1988 aboard the R/V POINT SUR.

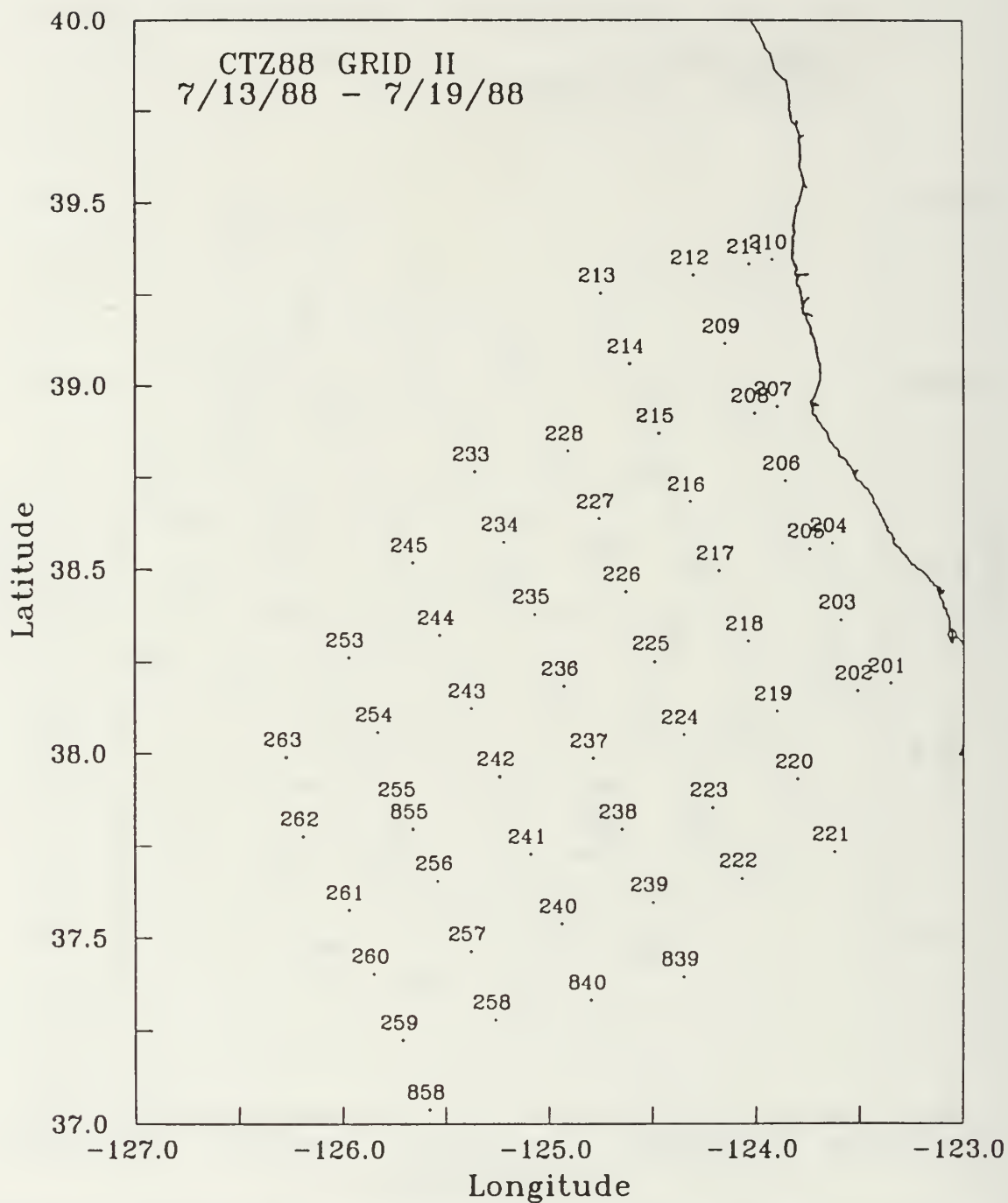


Figure 3. CTD station numbers and locations for part II of the Coastal Transition Zone experiment (CTZ88) during July 13-19, 1988 aboard the R/V POINT SUR.

section was added to the offshore edge of the grid consisting of stations 159 - 163 (Fig. 2) and stations 259-263 (Fig. 3). A total of 114 casts with a CTD, fluorometer, and transmissometer mounted on the same instrument package were made to within approximately 10 m of the bottom or to a maximum depth of 500 m. A total of 16 XBT drops to a maximum depth of 450 m were also completed during the cruise.

The R/V POINT SUR departed from the Monterey Coast Guard Pier at 1936 Universal Time (UT) July 5, 1988 and arrived on station 101 at 0945 UT on July 6 (Fig. 2) to begin hydrographic mapping of the grid. Following the completion of the CTD cast at this station the ship proceeded offshore slightly to begin the first section (section A) of CTD casts toward the north. The section (stations 102, 103, 105, 107, 108, 109, and 112, Fig. 2) was interrupted by the occupation of stations 104, 107, 110, and 111 in order to gather additional nearshore data. CTD station 112 was completed at 0941 UT on July 7.

The weather conditions began to deteriorate towards the north end of section A with winds increasing to about 30 knots out of the north-northwest and seas up to 12 feet. These conditions lasted for the next several days forcing the ship to reduce speed to about 5 knots on the northward sections (sections C and E, Fig. 1).

The first station of section B (station 113, Fig. 2) was occupied at 1220 UT on July 7. After completing this station the ship proceeded southeast completing the rest of the stations of

this section (stations 114 - 121, Fig. 2) by 0416 UT on July 8. The stations of section C (stations 122 - 128, Fig. 2) were occupied between 0820 UT on July 8 and 0350 UT on July 9 during continued bad weather.

The first station of section D (station 133, Fig. 2) was started at 1620 UT on July 9. Following the completion of the CTD cast at this station the ship continued to the southeast taking CTD casts at the remainder of the stations (stations 134 - 139, 939, Fig. 2) of this section. The final station of section D was occupied at 0740 UT on July 10.

Turning back to the northwest, section E was started with the occupation of station 940 at 1140 UT on July 10. All stations of this section (stations 140 - 147, Fig. 2) were completed by 1420 on July 11. Weather began to moderate about the time section E was completed allowing sections F (stations 152 - 155, 955, and 156 - 158, Fig. 2) and G (stations 159 - 163, Fig. 2) to be completed more rapidly. Section F was completed by 0700 UT on July 12 and section G by 1730 UT of July 12.

Following the completion of the last station of the grid (station 163 Fig. 2) the ship steamed east toward station 201 (Fig. 3) to begin the second mapping of the grid. During this steam XBT's were dropped on an hourly basis. A total of 14 XBT's were dropped during this time (XBT stations 1 - 14 Fig. 4).

The first station of the second occupation of the grid (station 201, Fig. 3) was started at 0813 UT on July 13. The weather during sections A thru D of the second grid occupation remained

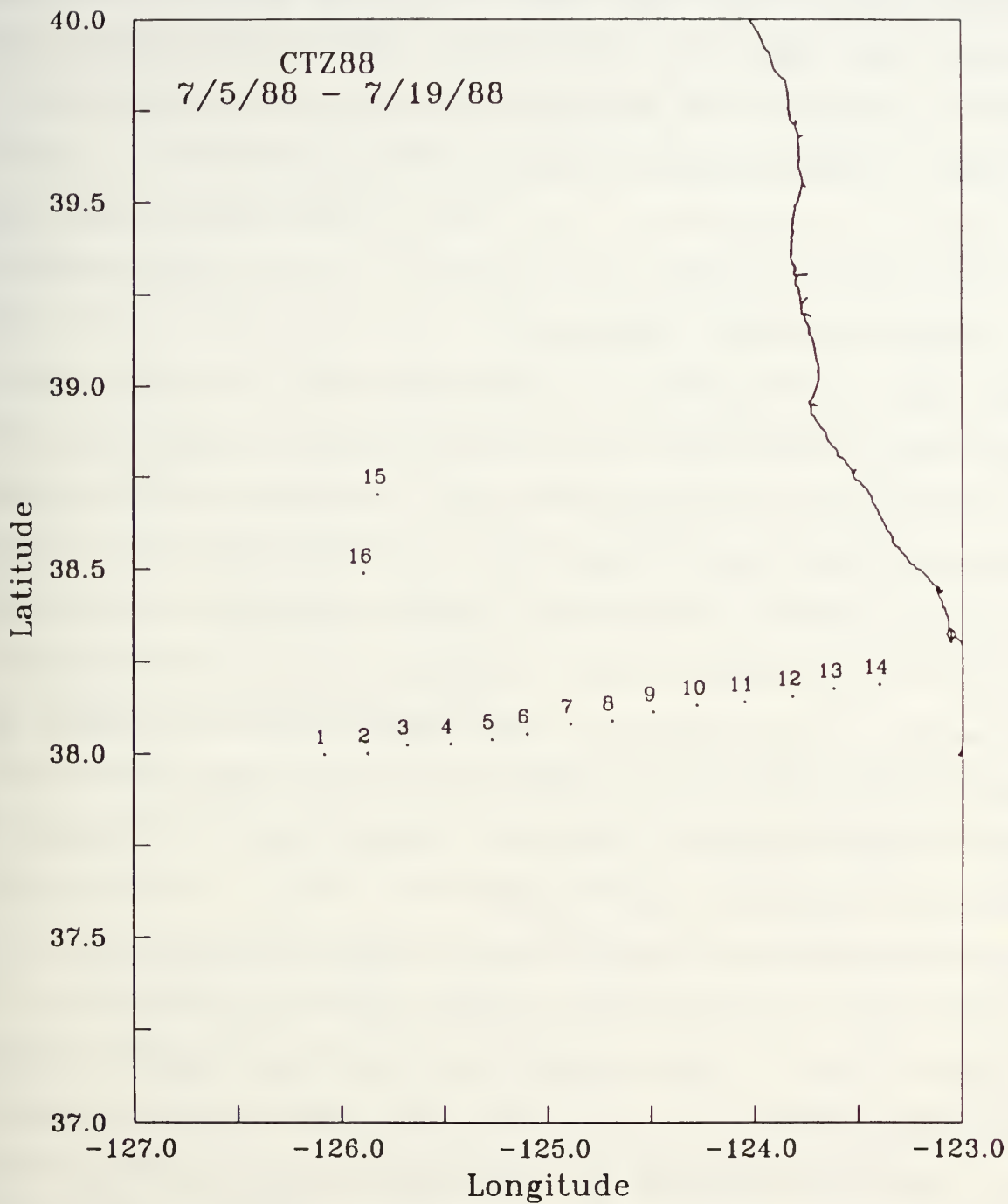


Figure 4. XBT station numbers and locations for parts I and II of the Coastal Transition Zone experiment (CTZ88) during July 5-19, 1988 aboard the R/V POINT SUR.

good and the stations were completed rapidly. Section A (stations 202, 203, 205, 206, 208, 209, and 212, Fig. 3) was completed by 0230 UT on July 13. The stations of section B (stations 213 - 221, Fig. 3) were occupied between 0445 UT and 2000 UT on July 14. Section C (stations 222 - 228, Fig. 3) was completed by 1030 UT on July 15 and section D (stations 233 - 239, and 839, Fig. 3) was finished by 0230 UT on July 16.

The stations of section E (stations 840, 240 - 245, Fig. 3) were occupied from south to north starting with station 840 at 0500 UT on July 16. The weather began to deteriorate again as the stations of this section were completed. Wind speeds rose to 35 knots with seas to 15 feet. Following the completion of station 245 the ship continued to the northwest, but was able to make only about 3 knots against the seas. Weather conditions were too severe for the deployment of the CTD so XBT's (station 15, 16, Fig. 4) were dropped at locations E3 and E2 (Fig. 1), and the station at location E1 was skipped.

Due to continued bad weather and a slight southward shift in the position of the filament, the CTD casts at locations F1 through F4 (Fig. 1) were skipped. CTD casts were made at the remaining stations of section F (stations 253 - 255, 855, 256 - 258, Fig. 3) with station 258 completed at 1940 UT on July 17.

An additional station was added to the southern end of section G (station 858, Fig. 3) because of the southward movement of the filament, and this station was occupied at 2345 UT on July 17. The remaining stations of section G (stations 259 - 263) were

completed by 1530 UT on July 18. This completed the hydrographic sampling and the remainder of the cruise was spent steaming back to Monterey Bay. The ship arrived at Moss Landing at 1530 UT on July 19. A listing of all CTD and XBT stations occupied during the cruise is shown in Table 1.

The personnel on this cruise were; Dr. Steven R. Ramp, Naval Postgraduate School (NPS); Mr. Paul Jessen, NPS; Ms. Shannon Raugust, NPS; LT. Jeffrey Best, NPS; LT. Susan Davies, NPS; Mr. Yasushi Fakamachi, Nova University; Mr. Ronald Haynes, University College of North Wales; Mr. Kent Forte, Monterey Bay Aquarium Research Institute (MBARI); Mr. Bill Clinton, University of California at Santa Cruz (UCSC); and Mr. Chuck Cheaney, Moss Landing Marine Laboratory (MLML).

DATA ACQUISITION AND CALIBRATION

Hydrographic data was acquired using a Neil Brown Mark III-B CTD equipped with a Sea Tech fluorometer and Sea Tech 25 cm beam transmissometer. A General Oceanics rosette sampler was attached to the CTD and was equipped with twelve 5-liter Niskin bottles for in situ water sampling. Water was collected with the Niskin bottles during the upcast at pressures of 500, 300, 200, 150, 100, 80, 60, 40, 20 dbar, and just beneath the surface. Water samples were taken at all pressures for dissolved oxygen at sections B, D, and F only (Figs. 2 & 3), and for nutrients and chlorophyll at all stations. Water samples for salinity were taken from the deepest bottle at each station. The CTD sampling rate was 32 Hz, but the acquisition software employed a filter

Table 1. List of stations occupied during the Coastal Transition Zone (CTZ88) filament study, showing date, time, type, location, and weather.

Date	Time (UT)	Sta No.	Type	Latitude		Longitude		Wind Dir (ms ⁻¹)	Air (°C)	Dewpt (°C)
July 6	0954	101	CTD	38	11.8	123	20.8	304 8.5	11.38	8.23
	1148	102	CTD	38	9.9	123	32.2	296 8.5	11.93	8.59
	1428	103	CTD	38	21.7	123	36.9	317 8.9	12.50	9.38
	1700	104	CTD	38	33.9	123	39.7	314 6.0	11.85	9.11
	1807	105	CTD	38	33.1	123	45.6	322 6.4	12.93	9.50
	2023	106	CTD	38	44.1	123	52.8	318 7.8	12.26	9.01
	2231	107	CTD	38	56.4	123	54.7	320 5.8	12.66	-
	2345	108	CTD	38	55.4	124	2.0	331 5.9	12.57	-
July 7	0222	109	CTD	39	6.9	124	11.2	319 7.7	13.22	9.80
	0521	110	CTD	39	20.9	123	56.1	314 2.5	11.00	9.10
	0625	111	CTD	39	20.4	124	2.2	327 6.9	12.07	9.34
	0843	112	CTD	39	18.7	124	17.5	315 11.1	14.45	10.97
	1223	113	CTD	39	15.8	124	44.7	317 11.8	15.28	12.35
	1423	114	CTD	39	4.2	124	36.7	322 12.4	15.66	12.31
	1621	115	CTD	38	52.9	124	27.4	322 11.6	15.66	11.60
	1812	116	CTD	38	40.6	124	19.9	329 7.4	13.33	11.11
July 8	2004	117	CTD	38	29.7	124	11.3	320 6.5	12.83	10.77
	2215	118	CTD	38	18.2	124	2.9	324 8.4	13.93	11.53
	0016	119	CTD	38	7.2	123	54.4	321 9.6	14.25	11.60
	0215	120	CTD	37	55.4	123	46.1	322 10.5	14.58	11.55
	0416	121	CTD	37	43.9	123	36.6	311 11.1	14.04	11.53
	0820	122	CTD	37	39.8	124	5.0	327 12.2	15.34	11.25
	1059	123	CTD	37	51.2	124	13.7	317 9.8	14.61	11.16
	1426	924	CTD	38	3.1	124	23.3	325 8.0	13.48	10.97
July 9	1711	125	CTD	38	14.7	124	30.6	324 9.0	14.48	11.36
	2017	126	CTD	38	25.9	124	38.9	322 10.3	16.28	11.40
	2350	127	CTD	38	37.8	124	47.5	317 13.5	16.38	11.34
	0318	128	CTD	38	49.2	124	56.1	326 15.5	16.14	11.85
	1617	133	CTD	38	46.2	125	22.6	332 12.9	17.28	-
	1840	134	CTD	38	34.0	125	14.1	322 12.4	17.38	12.73
	2038	135	CTD	38	22.5	125	5.5	327 14.1	18.14	11.62
	2233	136	CTD	38	10.8	124	57.1	322 12.4	17.81	12.93
July 10	0028	137	CTD	37	59.0	124	48.6	330 11.9	17.23	11.56
	0222	138	CTD	37	48.2	124	40.5	321 11.9	16.38	11.90
	0423	139	CTD	37	37.3	124	32.9	- -	16.32	10.87
	0640	939	CTD	37	24.2	124	18.7	308 16.3	16.13	12.28
	1128	940	CTD	37	19.7	124	49.3	331 13.9	15.49	12.87
	1502	140	CTD	37	32.2	124	58.0	327 11.7	15.33	13.60
	1813	141	CTD	37	43.5	125	7.0	324 10.3	15.47	11.82
	2131	142	CTD	37	54.6	125	13.8	323 12.0	16.68	12.46
July 11	0113	143	CTD	38	7.2	125	24.0	328 10.2	16.22	12.95
	0454	144	CTD	38	19.1	125	33.2	341 11.5	15.99	12.15
	0804	145	CTD	38	30.9	125	40.6	317 9.9	16.08	12.10
	1124	146	CTD	38	42.6	125	50.0	314 8.8	15.19	12.54

Table 1. (continued)

Date	Time (UT)	Sta No.	Type	Latitude	Longitude	Wind Dir (ms ⁻¹)	Air (°C)	Dewpt. (°C)
July 12	1400	147	CTD	38 54.6	125 58.5	319 5.1	14.91	13.69
	1727	152	CTD	38 27.1	126 8.5	284 5.7	16.13	14.99
	1923	153	CTD	38 15.5	125 59.6	305 5.8	16.10	14.86
	2114	154	CTD	38 3.4	125 50.9	292 5.5	16.03	14.53
	2308	155	CTD	37 51.3	125 42.4	298 6.3	15.38	14.67
	0110	156	CTD	37 39.7	125 33.4	294 4.7	14.30	13.82
	0219	955	CTD	37 44.8	125 37.0	309 4.6	14.60	13.13
	0459	157	CTD	37 27.6	125 24.2	291 4.9	14.48	13.37
	0656	158	CTD	37 17.2	125 15.6	255 3.2	14.60	13.58
	0950	159	CTD	37 12.6	125 44.0	293 5.1	15.07	14.01
	1139	160	CTD	37 23.5	125 52.9	309 5.9	14.65	13.42
	1317	161	CTD	37 33.9	126 0.6	283 2.6	13.58	13.08
	1520	162	CTD	37 47.2	126 9.7	281 4.6	14.63	14.20
	1730	163	CTD	37 59.1	126 17.4	237 3.5	15.47	15.13
	1857	1	XBT	37 59.7	126 5.8	249 5.1	15.54	15.11
July 13	1959	2	XBT	37 59.9	125 53.7	261 5.7	15.71	15.04
	2059	3	XBT	38 1.2	125 41.8	267 5.6	16.40	14.97
	2159	4	XBT	38 1.4	125 29.5	264 5.6	16.49	15.15
	2259	5	XBT	38 2.1	125 17.7	261 5.8	15.85	14.85
	0000	6	XBT	38 3.1	125 7.0	262 5.8	15.92	15.31
	0100	7	XBT	38 4.6	124 54.4	263 5.8	15.18	14.90
	0200	8	XBT	38 5.1	124 42.9	260 5.8	14.33	14.35
	0300	9	XBT	38 6.7	124 30.7	285 5.6	13.50	13.59
	0400	10	XBT	38 7.7	124 17.9	288 6.2	13.58	13.83
	0459	11	XBT	38 8.2	124 4.5	294 6.7	13.33	13.57
	0600	12	XBT	38 9.1	123 50.2	286 6.7	12.99	13.14
	0700	13	XBT	38 10.4	123 38.2	294 6.6	11.27	11.46
	0800	14	XBT	38 11.1	123 25.1	279 6.6	11.08	11.07
	0813	201	CTD	38 11.4	123 22.5	- -	-	-
	0927	202	CTD	38 10.1	123 31.9	296 6.0	11.37	11.09
July 14	1125	203	CTD	38 21.6	123 36.9	265 7.7	12.14	11.30
	1320	204	CTD	38 34.1	123 39.1	280 8.7	12.65	11.53
	1419	205	CTD	38 33.1	123 45.4	312 7.3	13.23	11.95
	1619	206	CTD	38 44.2	123 52.8	317 6.1	13.23	12.08
	1820	207	CTD	38 56.5	123 55.0	314 6.5	13.33	12.43
	1910	208	CTD	38 55.3	124 1.2	328 4.9	13.20	12.20
	2053	209	CTD	39 6.8	124 10.3	311 5.8	15.07	11.71
	2324	210	CTD	39 20.5	123 56.5	338 2.8	12.91	11.17
	0015	211	CTD	39 19.8	124 3.3	329 4.6	14.20	11.05
	0201	212	CTD	39 18.0	124 19.0	311 6.5	16.54	11.89
	0446	213	CTD	39 15.0	124 46.2	311 5.0	15.33	12.58
	0641	214	CTD	39 3.4	124 37.7	312 6.0	14.80	12.58
	0825	215	CTD	38 52.0	124 29.2	310 5.8	14.83	12.85
	1016	216	CTD	38 40.8	124 20.6	319 5.9	13.22	11.97
	1209	217	CTD	38 29.5	124 12.0	315 5.7	12.70	11.84
	1405	218	CTD	38 18.1	124 3.7	308 5.3	12.90	11.72

Table 1. (continued)

Date	Time (UT)	Sta No.	Type	Latitude		Longitude		Wind Dir (ms ⁻¹)		Air (°C)	Dewpt. (°C)
July 15	1558	219	CTD	38	6.7	123	55.0	311	5.5	13.90	12.33
	1741	220	CTD	37	55.6	123	49.5	312	6.7	15.34	13.15
	1932	221	CTD	37	43.8	123	38.3	292	6.7	15.08	12.92
	2211	222	CTD	37	39.5	124	5.4	280	6.5	16.17	14.14
	0002	223	CTD	37	51.0	124	13.6	290	5.9	16.93	14.44
	0158	224	CTD	38	2.9	124	22.1	285	5.3	16.40	13.82
	0354	225	CTD	38	14.8	124	30.8	295	5.1	15.66	14.05
	0605	226	CTD	38	26.1	124	38.9	314	4.6	16.21	14.58
	0818	227	CTD	38	38.0	124	47.0	289	3.8	15.76	14.68
	1007	228	CTD	38	49.1	124	56.1	296	5.9	16.81	13.96
	1239	233	CTD	38	45.8	125	22.8	338	2.5	15.89	15.11
	1429	234	CTD	38	34.2	125	14.3	325	4.2	15.85	15.00
	1626	235	CTD	38	22.5	125	5.5	330	5.6	16.50	14.59
	1823	236	CTD	38	10.8	124	57.0	306	6.4	17.43	14.80
	2016	237	CTD	37	59.0	124	48.6	311	6.0	16.44	14.44
July 16	2212	238	CTD	37	47.5	124	40.2	316	6.9	16.28	14.36
	0005	239	CTD	37	35.6	124	31.4	308	9.2	16.70	14.46
	0159	839	CTD	37	23.5	124	22.1	312	9.2	16.47	14.31
	0504	840	CTD	37	19.8	124	49.3	316	10.7	17.36	14.28
	0710	240	CTD	37	32.1	124	57.4	310	8.2	16.84	14.44
	0906	241	CTD	37	43.6	125	6.8	323	8.9	16.51	13.02
	1156	242	CTD	37	56.1	125	15.8	334	11.7	17.55	13.50
	1431	243	CTD	38	7.2	125	24.1	332	10.6	18.43	13.48
	1808	244	CTD	38	19.2	125	32.9	334	11.4	18.90	12.89
	2159	245	CTD	38	30.9	125	41.1	331	13.1	18.77	13.41
July 17	0124	15	XBT	38	42.0	125	50.5	340	12.4	19.31	12.15
	0250	16	XBT	38	29.1	125	54.9	344	12.2	19.03	12.18
	0417	253	CTD	38	15.4	125	59.6	341	12.3	18.43	12.58
	0627	254	CTD	38	3.3	125	50.8	337	13.7	18.38	13.08
	0838	255	CTD	37	51.2	125	44.5	341	14.1	18.08	13.12
	1010	855	CTD	37	47.6	125	41.0	328	12.2	18.18	13.01
	1547	256	CTD	37	39.1	125	33.7	339	13.3	18.68	11.80
	1752	257	CTD	37	27.6	125	24.0	343	14.4	18.78	12.27
	1939	258	CTD	37	16.6	125	16.6	335	11.3	18.43	12.68
	2346	858	CTD	37	2.1	125	35.9	339	12.5	18.93	12.85
July 18	0256	259	CTD	37	13.3	125	43.6	339	11.0	18.48	12.73
	0540	260	CTD	37	24.0	125	52.2	355	9.5	17.63	12.55
	0827	261	CTD	37	34.3	125	59.7	349	8.3	16.53	12.21
	1150	262	CTD	37	46.4	126	12.7	346	9.5	17.35	12.66
	1454	263	CTD	37	59.2	126	17.5	346	10.9	18.56	12.81

which decimated the data to a uniform series of 8616 data points. On the 500 m casts this resulted in the acquisition of approximately 17 data points per meter of water. CTD data were acquired only on the downcast with a winch speed of approximately 30 mmin⁻¹ to 150 m then 60 mmin⁻¹ to 500 m. The data were acquired using an HP200 computer and stored on 3.5 inch diskettes. Upon return to shore the data were transferred to 9 track tape and then processed on an IBM 3033 mainframe computer.

XBT data were acquired using a Sippican MK9 deck unit, T-4 XBT's, and a hand held XBT launcher. These data were also collected on the HP200 computer, stored on 3.5 inch diskettes at sea and processed on the IBM mainframe upon return to shore.

In addition to the CTD and XBT data, an underway data acquisition loop recorded 30 second averages of 2 m temperature and salinity, sea surface skin temperature, wind speed and direction, air temperature, dew point temperature, and visible and infrared radiation. The sensors used to acquire this data included Seabird temperature and conductivity sensors for the sea surface temperature and salinity, a Rosemount 100 ohm platinum resistance thermistor for the sea surface skin temperature, an R. M. Young anemometer for the wind speed and direction, a General Eastern dewpoint sensor for the air and dewpoint temperatures, and Epply pyronometers for the visible and infrared radiation. The underway data was acquired on an HP9816 computer and recorded on 3.5 inch diskettes. Like the CTD data, the underway data were transferred to 9 track tape upon return and processed on the IBM

mainframe.

The temperature, conductivity, and pressure sensors on the CTD and the temperature and conductivity sensors used with the underway sampling system were calibrated shortly before the cruise. The pressure calibration was carried out using a Chandler Engineering dead weight tester as a standard. At 10 equally spaced pressures from 50 to 500 dbar, indicated pressures from the standard and the CTD sensor were recorded. The differences between recorded values were within the stated accuracy of the sensor (± 1.6 dbar) therefore no pressure correction was applied.

The temperature calibration was done using a Seabird temperature sensor as a standard. This standard sensor is recalibrated by the manufacturer approximately every six months. A temperature bath of 70 - 80 liters of fresh water in an insulated tub was used to compare the standard and CTD sensors at 1°C increments from $0 - 20^{\circ}\text{C}$. Thirty data points were collected at each temperature and then averaged to yield a single value for each sensor. A regression analysis was run on the 21 data points revealing a linear difference between the standard sensor the CTD temperature sensor. The coefficients were 0.998543 (slope) and +0.047536 (intercept). The same procedure was used to calibrate the Seabird and Rosemount temperature sensors used in the underway acquisition system. The regression for the Seabird sensor used to measure the 2 m temperature was linear with a slope of 1.0027 and an intercept of +0.0087. The best fit for the

relationship between the resistance of the Rosemount thermistor and the reference sensor temperature was a 2nd order polynomial ($y=ax^2+bx+c$) with $a=0.001728$, $b=2.202511$, and $c=-237.9795$.

The conductivity calibration was carried out using a Guildline Model 8400 Autosol as a standard. A constant conductivity bath was used to compare the standard and sample sensor conductivities at five different conductivity levels. Ten samples were taken at each conductivity level and averaged to yield a single value for each sensor at each conductivity level. Regression analysis was used to compare the sample cell conductivities (CTD and underway) with the standard sensor conductivities (Autosal). A linear correction was found for the CTD sensor with coefficients of 1.023828 (slope) and +0.005897 (intercept). The best fit for the Seabird conductivity sensor used in the underway system was a linear correction with coefficients of 1.00585(slope) and +0.0000115 (intercept).

A total of 114 water samples were taken at 114 CTD stations for further calibration of the CTD salinity data. The CTD pressure, conductivity and temperature were noted as each sample was taken. These numbers, after applying the pre-cruise calibration coefficients, were used to calculate salinity and the results compared with the water sample salinities calculated using the Guildline Model 8400 Autosol in the laboratory. The station, depth of sample, CTD salinity calculated using the pre-cruise calibrations, sample salinity from the autosol, and difference between CTD and autosol salinities are listed in Table 2. The

Table 2. Differences between salinities (psu) calculated using the corrected CTD pressure, temperature, and conductivity readings and those of the water samples at the same depth measured by the Guildline Autosol.

STA	P (dbar)	CTD SAL	BOTTLE SAL	DIFFERENCE
101	146	34.021	34.005	0.016
102	490	34.203	34.190	0.013
103	500	34.209	33.295	0.914
104	171	34.008	34.065	-0.057
105	502	34.231	34.219	0.012
106	504	33.842	33.830	0.012
107	137	34.080	34.067	0.013
108	504	34.261	34.248	0.013
109	500	34.341	34.227	0.114
110	144	34.112	34.103	0.009
111	501	34.254	34.210	0.044
112	452	34.181	34.175	0.006
113	491	34.117	34.100	0.007
114	498	34.182	34.170	0.012
115	500	34.160	34.159	0.001
116	498	34.201	34.188	0.013
117	485	34.252	34.236	0.016
118	515	34.280	34.349	0.031
119	501	34.104	34.096	0.008
120	500	34.215	34.205	0.010
121	498	34.246	34.232	0.014
122	496	34.214	34.199	0.015
123	493	34.228	34.216	0.012
124	498	34.189	34.176	0.013
125	500	34.229	34.211	0.018
126	489	34.110	34.107	0.003
127	507	34.120	34.109	0.011
128	500	34.167	34.164	0.003
133	497	34.077	34.065	0.012
134	500	34.100	34.082	0.018
135	498	34.123	34.116	0.007
136	495	34.235	34.217	0.018
137	498	34.235	34.226	0.009
138	499	34.200	34.190	0.010
139	498	34.240	34.228	0.012
939	503	34.183	34.171	0.012
940	499	34.261	34.247	0.014
140	499	34.228	34.216	0.012
141	498	34.201	34.187	0.014
142	496	34.233	34.183	0.050
143	500	34.237	34.220	0.017
144	499	34.090	34.080	0.010
145	477	34.070	34.065	0.005
146	498	34.081	34.069	0.012
147	499	34.105	34.293	0.012
152	498	34.095	34.085	0.010

Table 2. (continued)

STA	P (dbar)	CTD SAL	BOTTLE SAL	DIFFERENCE
153	510	34.081	34.069	0.012
154	502	34.104	34.091	0.013
155	487	34.162	34.146	0.016
156	498	34.224	34.198	0.026
955	498	34.156	34.147	0.009
157	499	34.223	34.210	0.013
158	502	34.232	34.224	0.008
159	502	34.226	34.202	0.024
160	501	34.221	34.212	0.009
161	499	34.209	34.203	0.006
162	499	34.089	34.131	-0.042
163	499	34.069	34.057	0.012
201	181	34.056	34.040	0.016
202	499	34.213	34.203	0.010
203	498	34.214	34.202	0.012
204	196	34.087	34.078	0.009
205	498	34.154	34.145	0.009
206	499	34.175	34.165	0.010
207	148	34.011	34.003	0.008
208	502	34.228	34.220	0.008
209	497	34.221	34.216	0.005
210	179	34.068	34.059	0.009
211	502	34.229	34.219	0.010
212	499	34.139	34.134	0.005
213	501	34.173	34.161	0.012
214	502	34.151	34.143	0.008
215	496	34.222	34.201	0.021
216	500	34.215	34.208	0.007
217	503	34.211	34.202	0.009
218	502	34.208	34.199	0.009
219	499	34.247	34.235	0.012
220	499	34.235	34.223	0.012
221	501	34.235	34.218	0.017
222	502	34.166	34.157	0.009
223	500	34.218	34.208	0.010
224	499	34.246	34.232	0.014
225	499	34.296	34.238	0.058
226	499	34.183	34.168	0.015
227	501	34.142	34.127	0.015
228	502	34.176	34.165	0.011
233	499	34.151	34.129	0.022
234	500	34.153	34.132	0.021
235	502	34.157	34.148	0.009
236	499	34.128	34.116	0.012
237	496	34.197	34.186	0.011
238	501	34.195	34.181	0.014
239	501	34.216	34.203	0.013
839	495	34.206	34.191	0.015

Table 2. (continued)

STA	P (dbar)	CTD SAL	BOTTLE SAL	DIFFERENCE
840	502	34.248	34.235	0.013
240	501	34.227	34.218	0.009
241	501	34.192	34.180	0.012
242	502	34.209	34.195	0.014
243	500	34.176	34.159	0.017
244	500	34.139	34.118	0.018
245	501	34.091	34.081	0.010
253	500	34.085	34.097	-0.012
254	504	34.171	34.159	0.012
255	500	34.107	34.103	0.004
855	485	34.161	34.148	0.013
256	501	34.211	34.198	0.013
257	500	34.238	34.227	0.011
258	501	34.249	34.237	0.012
858	502	34.163	34.149	0.014
259	500	34.169	34.148	0.021
260	498	34.238	34.226	0.012
261	499	34.220	34.209	0.011
262	497	34.135	34.121	0.014
263	501	34.076	34.062	0.014

points at stations 103 and 109 were considered erroneous and were eliminated before further calibration was done. The mean and standard deviation of the differences between the remaining CTD salinities and sample salinities were calculated. The mean difference was +0.0126 with a standard deviation of 0.0148. Points further than two standard deviations from the mean were assumed erroneous and were not included, eliminating samples at stations 104, 111, 142, 162, and 225. A new mean and standard deviation were calculated using the remaining 107 points. The new mean difference was +0.012 with a standard deviation of 0.0052. As a result of these differences a constant of -0.012 was added to the CTD salinities. This was the final calibration made to the CTD salinity.

Light transmission was measured with a Sea Tech 25 cm beam transmissometer. The fraction of light transmitted over the length of the beam is related to the instrument voltage by the formula:

$$T = ((A/B) * (X-Z))/V$$

where T is the fraction of light transmitted over the length of the beam (25 cm), A is the factory air calibration, B is the most recent air calibration, X is the measured voltage, Z is the zero offset, and V is the full scale instrument voltage. For this instrument A and Z were taken from the factory manual and were 4.760 and -0.002 respectively. B was observed to be 4.535 by Dr. Tom Dickey of the University of Southern California. The fraction of light transmission (T) was converted to beam attenuation

coefficient "c" using the formula:

$$T = e^{-cx}$$

where x is the path length (Jerlov, 1976). Solving the above equation for c with a path length of 0.25 m yields:

$$c = -4.0 * \ln(T)$$

In situ fluorescence was measured with a Sea Tech fluorometer. The raw instrument voltage can be converted to chlorophyll "a" in mg m^{-1} using a linear correction based on the chlorophyll "a" values of the in situ water samples. The calibration coefficients varied spatially, day vs. night, and as a function of pressure. Due to this variability no calibrations are applied to the raw fluorometer voltages in this report. Fluorometer calibration information is provided in Appendix I which contains the chlorophyll "a" fluorescence, the phaeopigment values, and the raw fluorometer voltages associated with each sample collected during the cruise (provided by Dr. Francisco Chavez, MBARI).

DATA PROCESSING

After the raw CTD data were transferred to the IBM 3033 mainframe computer at the Naval Postgraduate School, the temperature, conductivity, and transmissivity corrections described were applied to produce profiles of corrected pressure, temperature, conductivity, beam attenuation coefficient (beam c), and raw fluorescence voltage. Salinity was calculated from corrected values of temperature, pressure, and conductivity according to the algorithm of Lewis and Perkin (1981). Severe spiking due to system malfunctions was eliminated from the

salinity signal with a search for vertical salinity gradients greater than 1.0 psu m^{-1} . Bad points were replaced using linear interpolation. Time lag spikes were eliminated by discarding salinity data in regions where the vertical temperature gradient exceeded $0.2 \text{ }^{\circ}\text{C m}^{-1}$ and replacing the discarded data with linearly interpolated values. Finally the data were averaged within 2-m intervals and visually examined for any remaining outliers missed during processing. If found, these points were replaced with linearly interpolated values. The final salinity correction (as described above) was then applied.

The density anomaly (γ) at atmospheric pressure was calculated using the corrected values of temperature and salinity and the appropriate algorithms found in Volume 4 of the International Oceanographic Tables (UNESCO, 1987).

DATA PRESENTATION

The CTD station positions and numbers for each part of the cruise are shown in Figs. 2 and 3. The XBT station numbers and positions are shown in Fig. 4. Maps of hourly averaged wind vectors during each part of the cruise are presented in Figs. 5 and 6. Hydrographic data are presented in the form of horizontal maps, vertical sections, and vertical profiles. Maps of surface temperature (T), salinity (S), and dynamic height relative to 500 db ($\Sigma\Delta D_0/500$) for each part of the cruise are presented in Figs. 7 - 12. Vertical sections of temperature, salinity, and the density anomaly at atmospheric pressure (γ) from the CTD data are shown in Figs. 13 - 26. Sections from part I are shown in Figs.

13 - 19 and those from part II in Figs. 20 - 26. Fig. 27 shows a vertical section of temperature from the XBT drops made between parts I and II of the cruise. Selected data from each CTD cast is presented along with vertical profiles of temperature, salinity, density anomaly at atmospheric pressure, raw fluorometer voltage, and beam attenuation coefficient (beam c) in Fig. 28. Fig. 29 presents the XBT data in the same form. In these two figures an asterisk next to a point in the data listing indicates that the point is an interpolated value.

ACKNOWLEDGEMENTS

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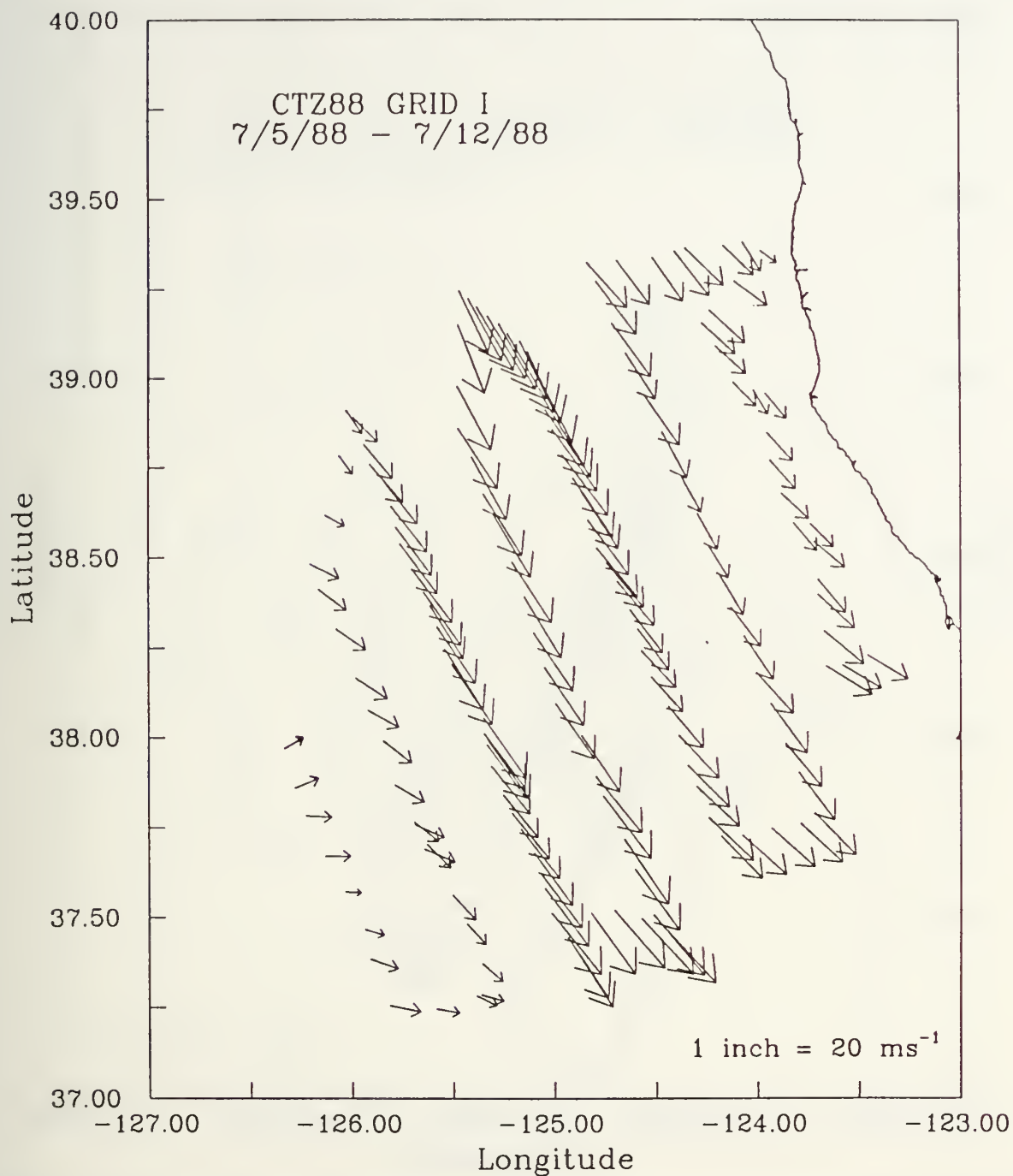


Figure 5. Hourly averaged wind speed (ms^{-1}) and direction measured at 10 m height from the R/V POINT SUR during part I of cruise CTZ88.

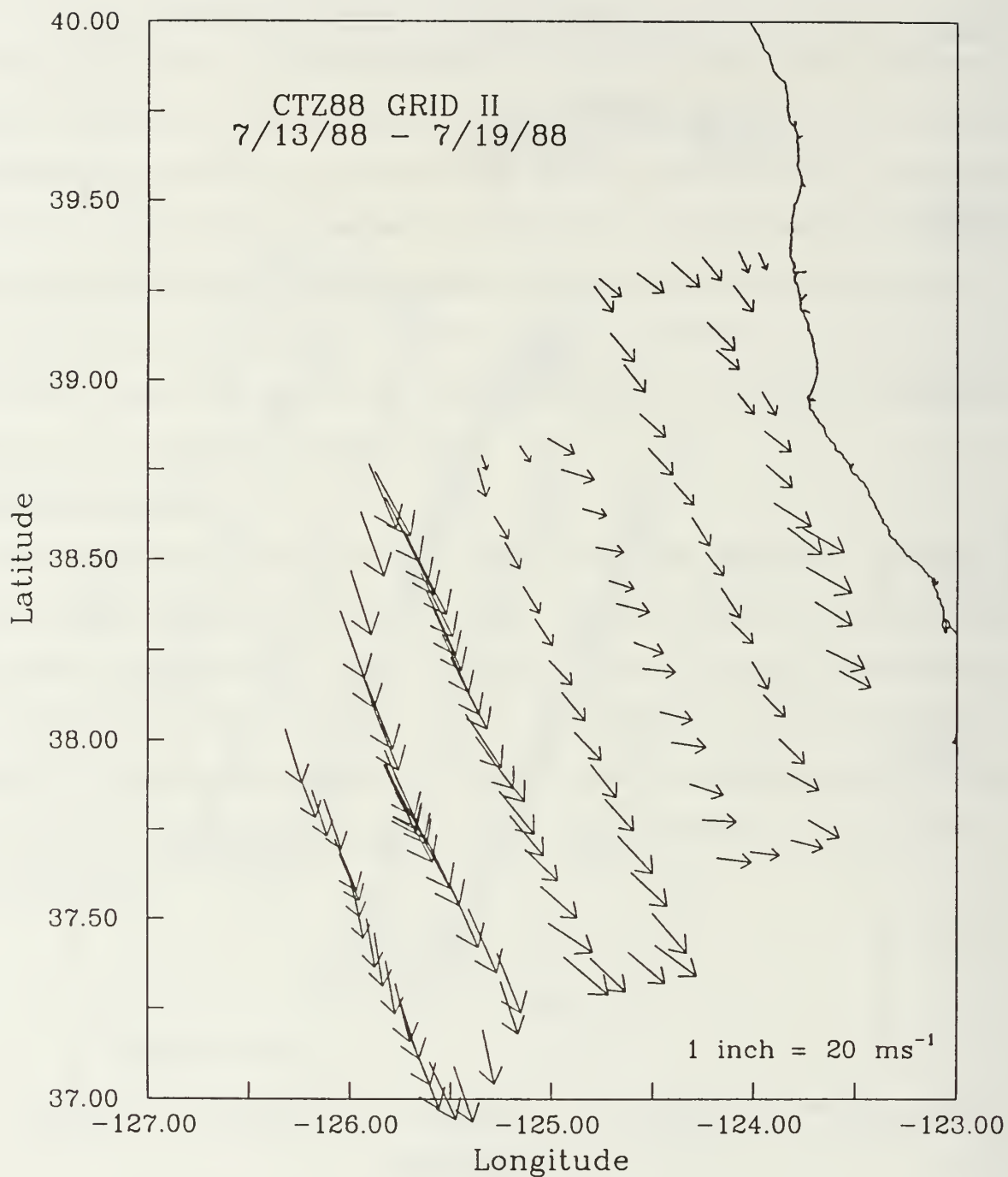


Figure 6. Hourly averaged wind speed (ms^{-1}) and direction measured at 10 m height from the R/V POINT SUR during part II of cruise CTZ88.

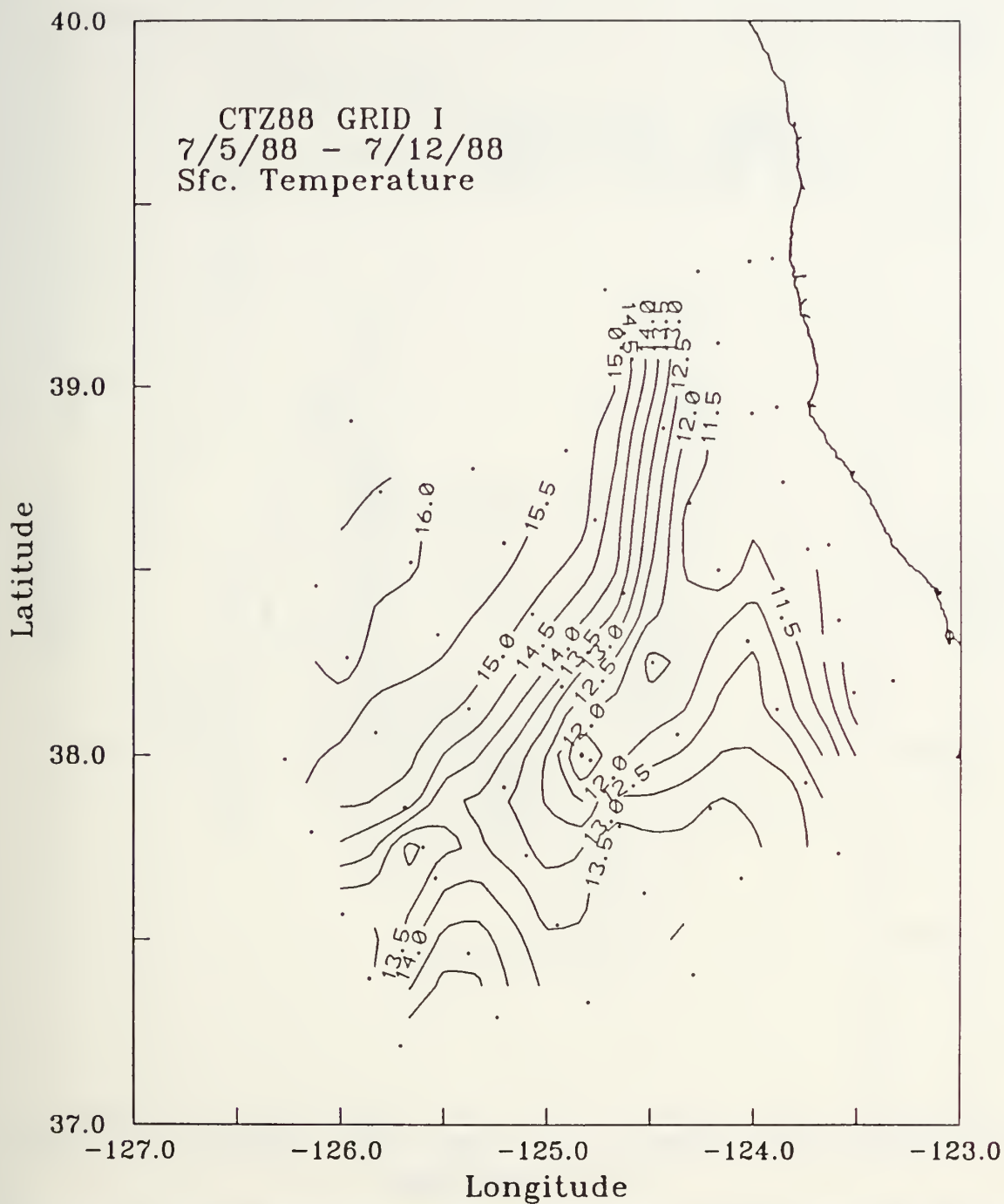


Figure 7. Map of surface temperature ($^{\circ}\text{C}$) during part I of cruise CTZ88, July 5-12, 1988.

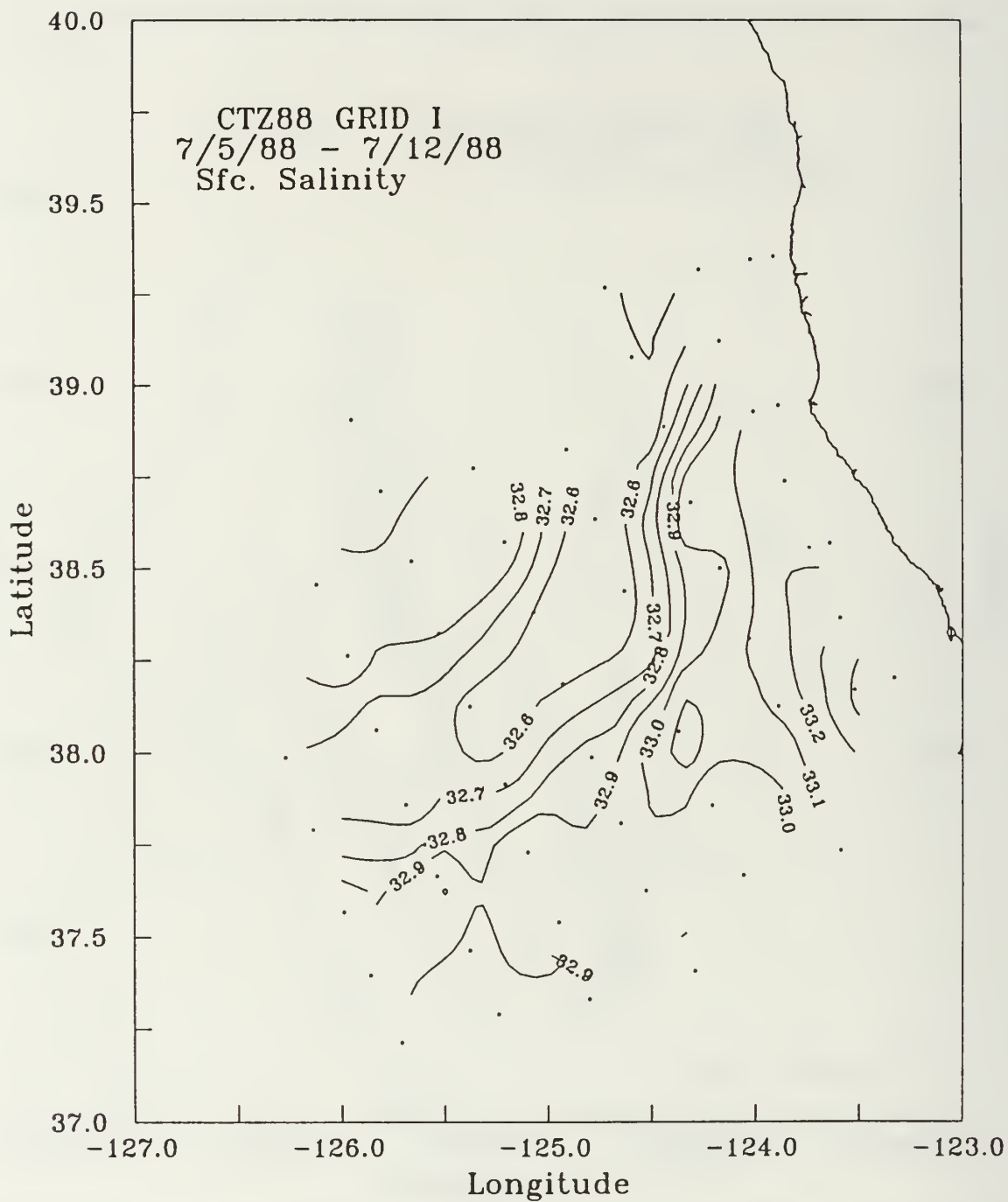


Figure 8. Map of surface salinity (psu) during part I of cruise CTZ88, July 5-12, 1988.

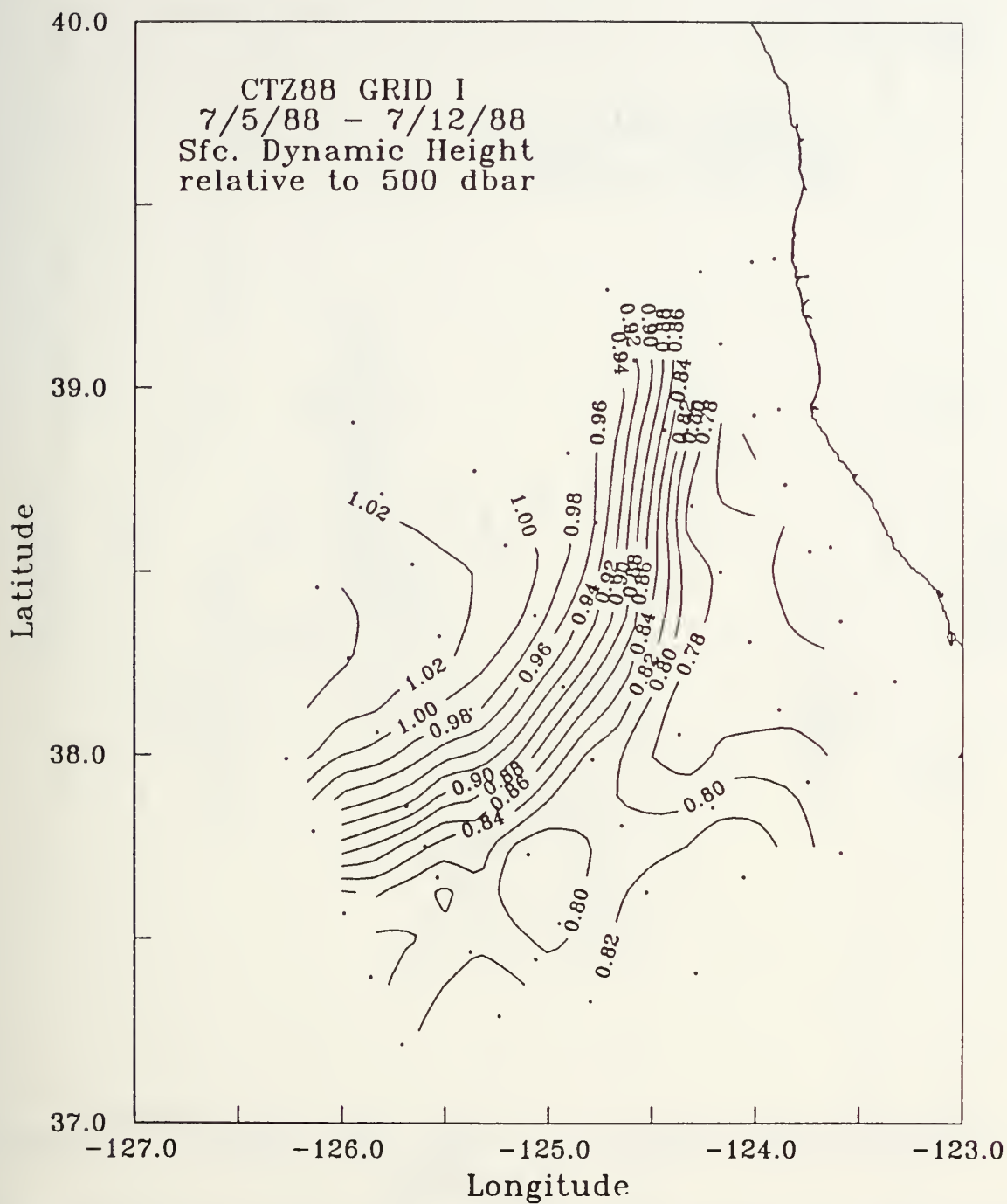


Figure 9. Map of the dynamic height (dyn m) of the sea surface relative to 500 dbar during part I of cruise CTZ88, July 5-12, 1988.

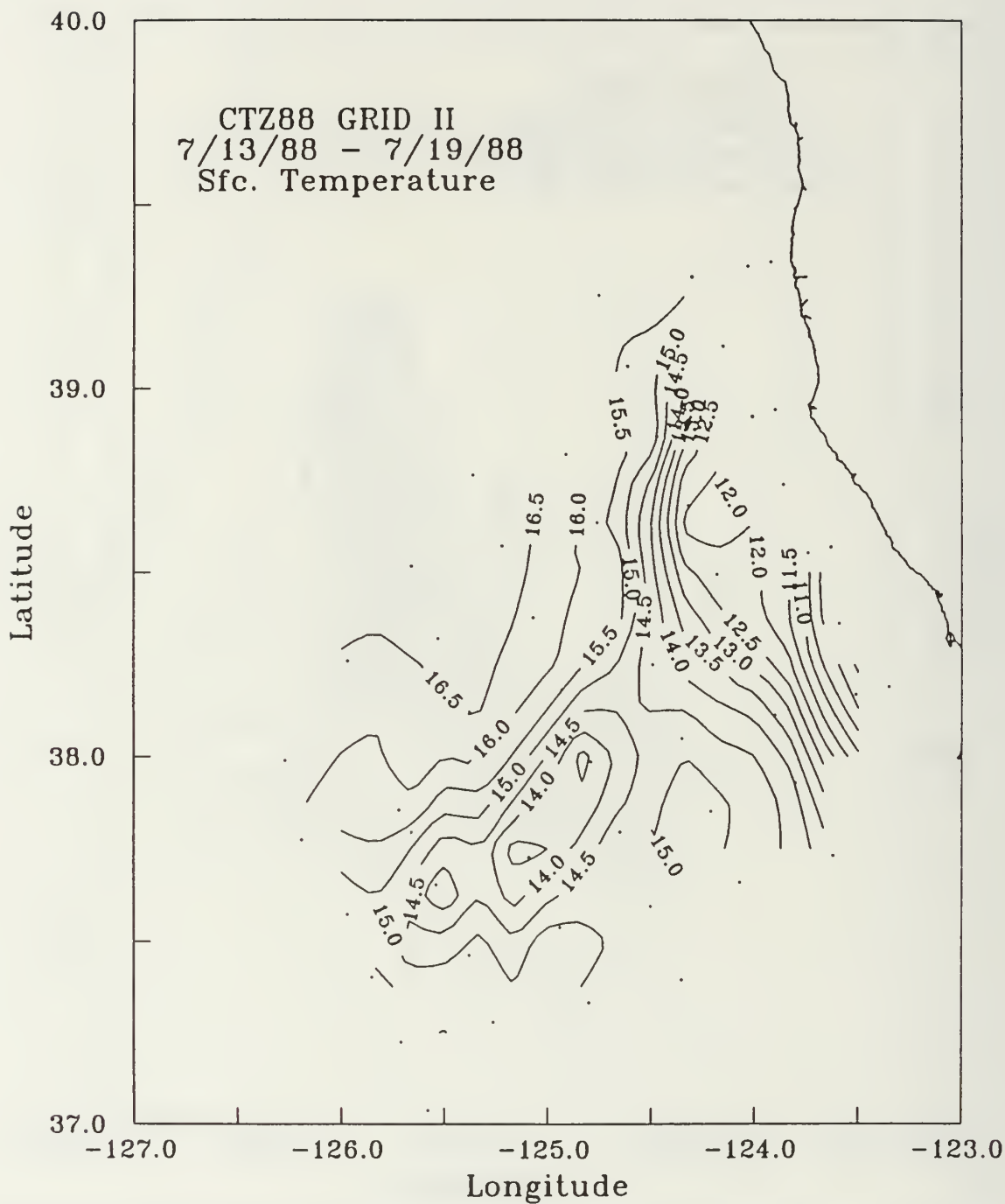


Figure 10. Map of surface temperature ($^{\circ}\text{C}$) during part II of cruise CTZ88, July 13-19, 1988.

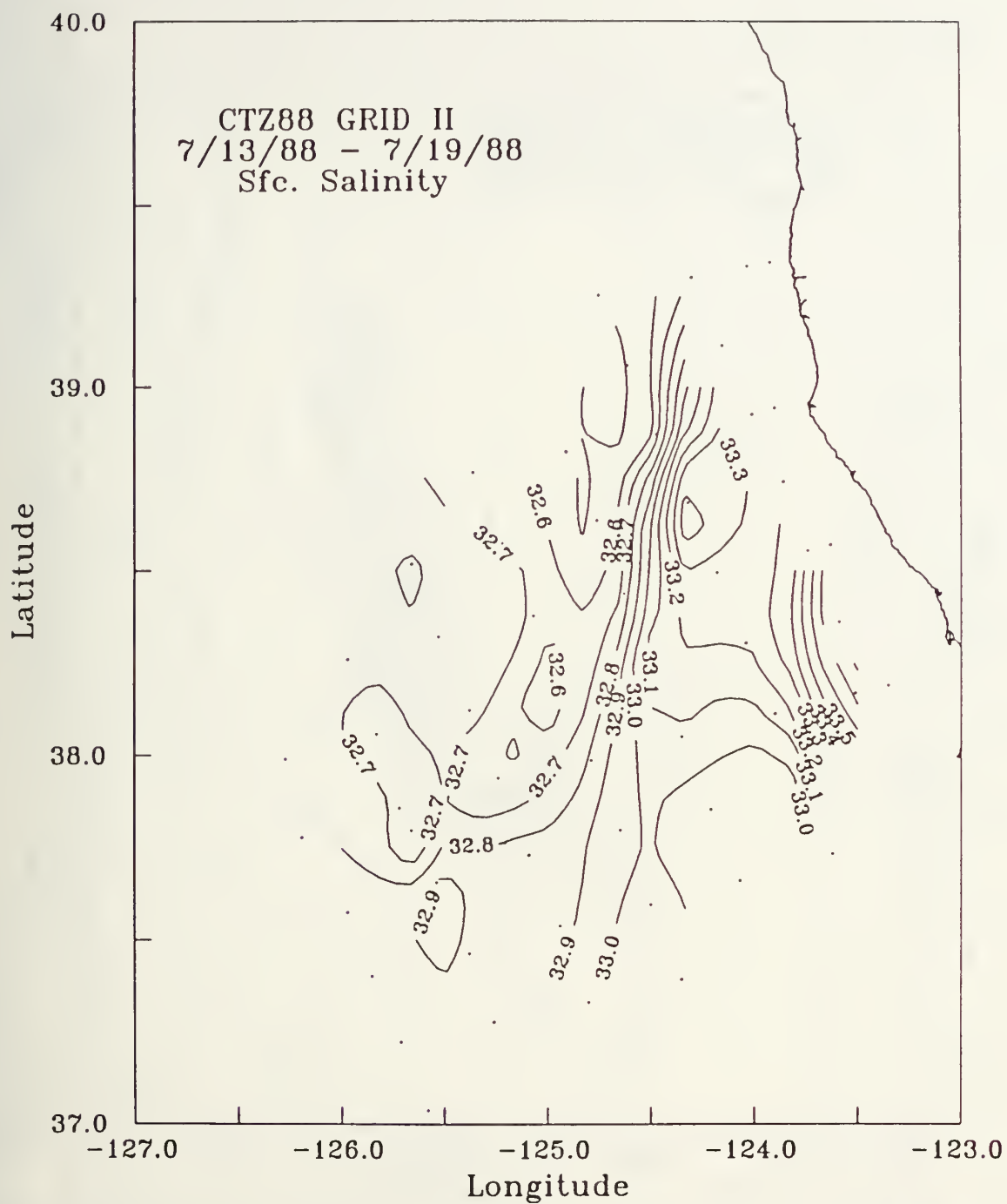


Figure 11. Map of surface salinity (psu) during part II of cruise CTZ88, July 13-19, 1988.

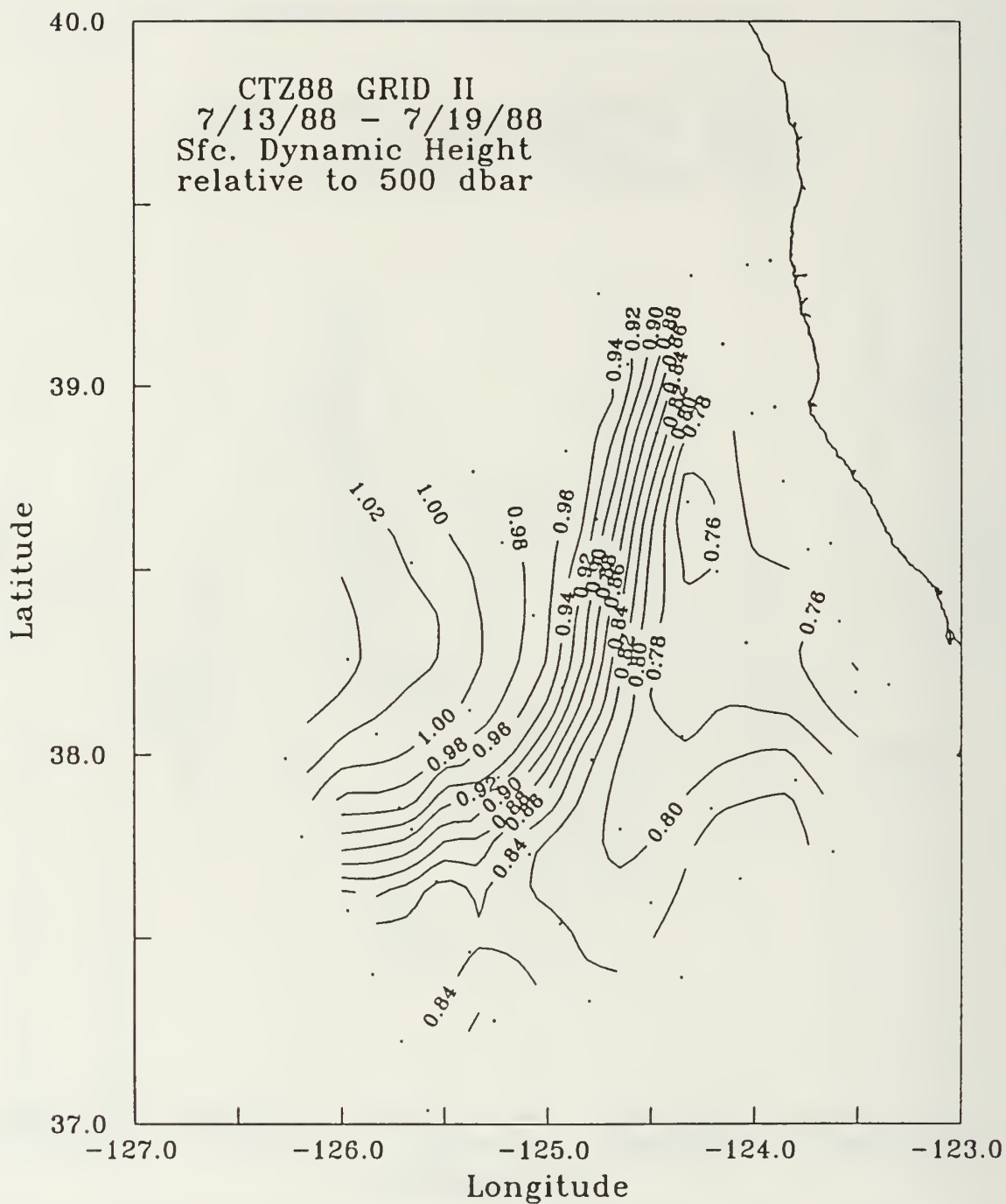


Figure 12. Map of the dynamic height (dyn m) of the sea surface relative to 500 dbar during part II of cruise CTZ88, July 13-19, 1988.

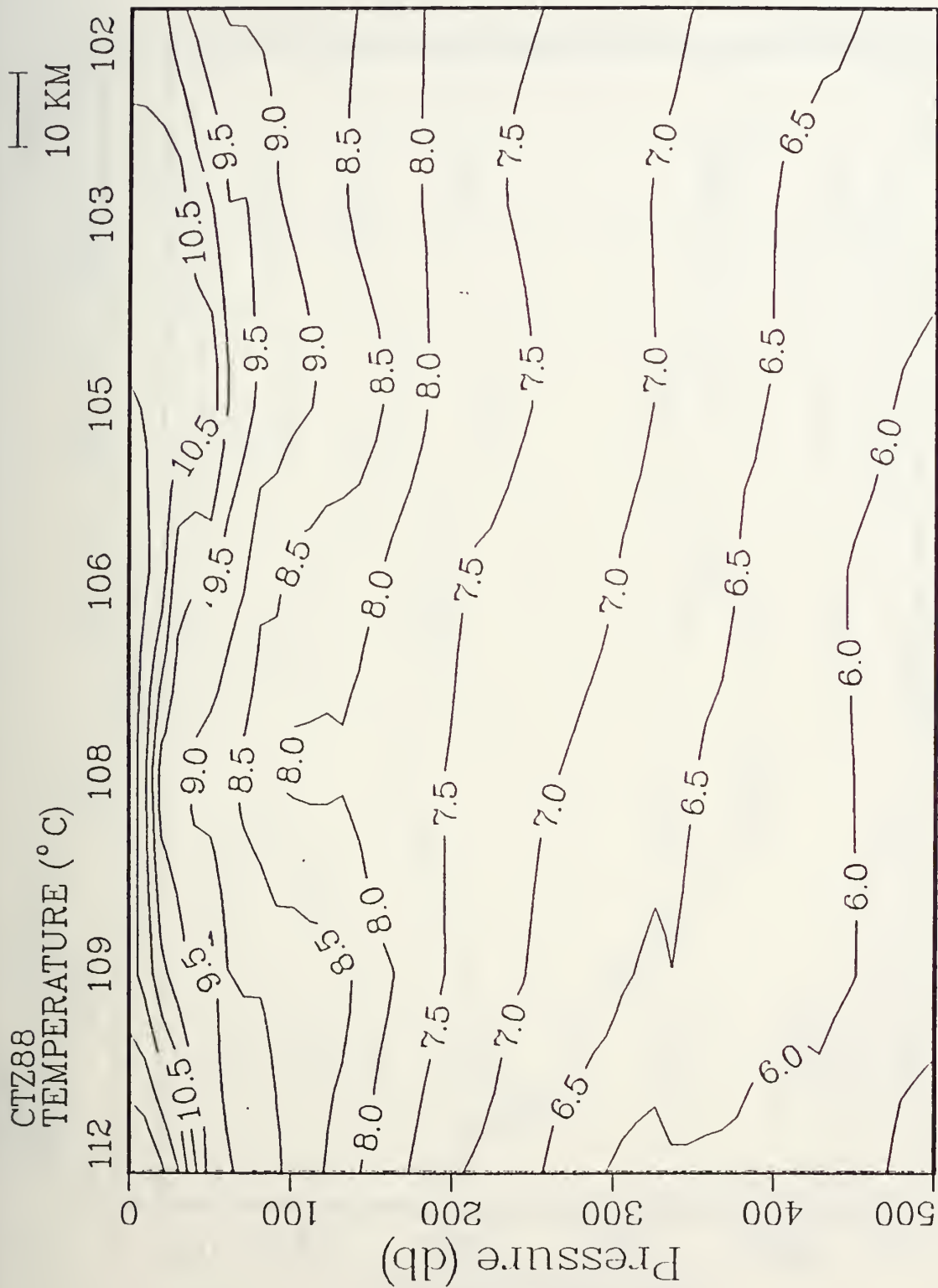


Figure 13. Vertical sections of a) temperature ($^{\circ}\text{C}$), b) salinity (psu), and c) density anomaly (kgm^{-3}) from CTD stations 102, 103, 105, 106, 108, 109, and 112 of part I.

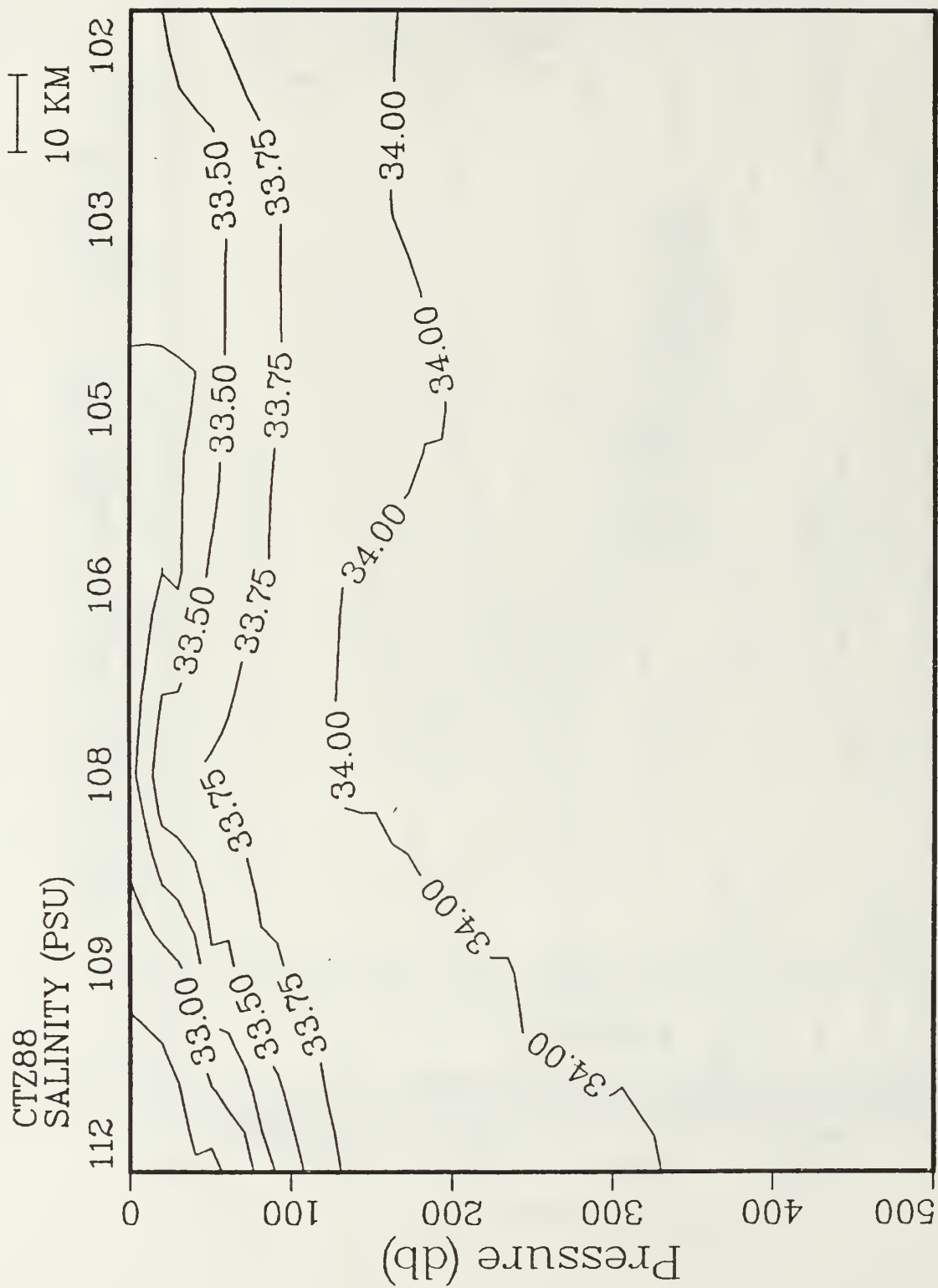


Figure 13b.

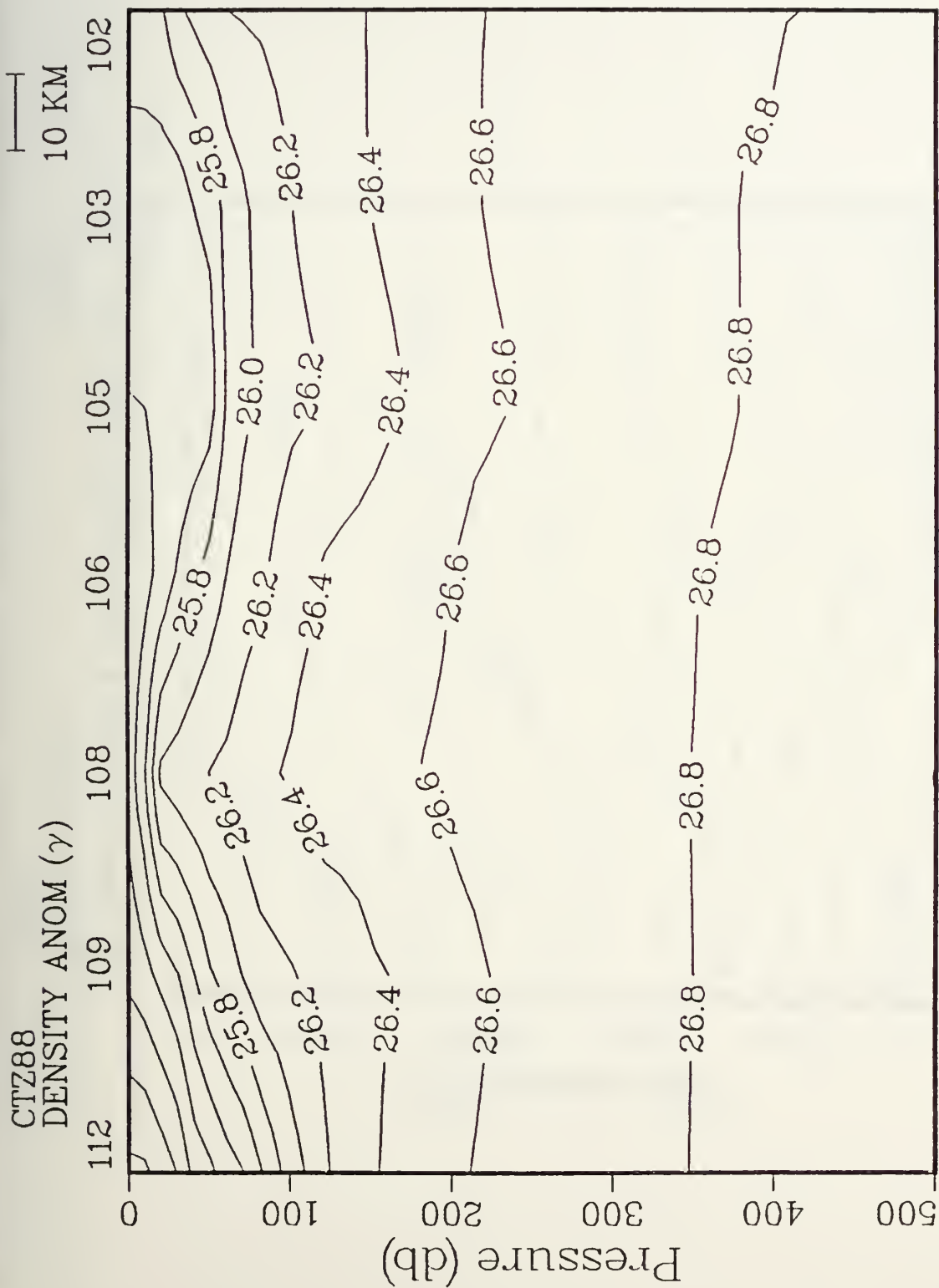


Figure 13c.

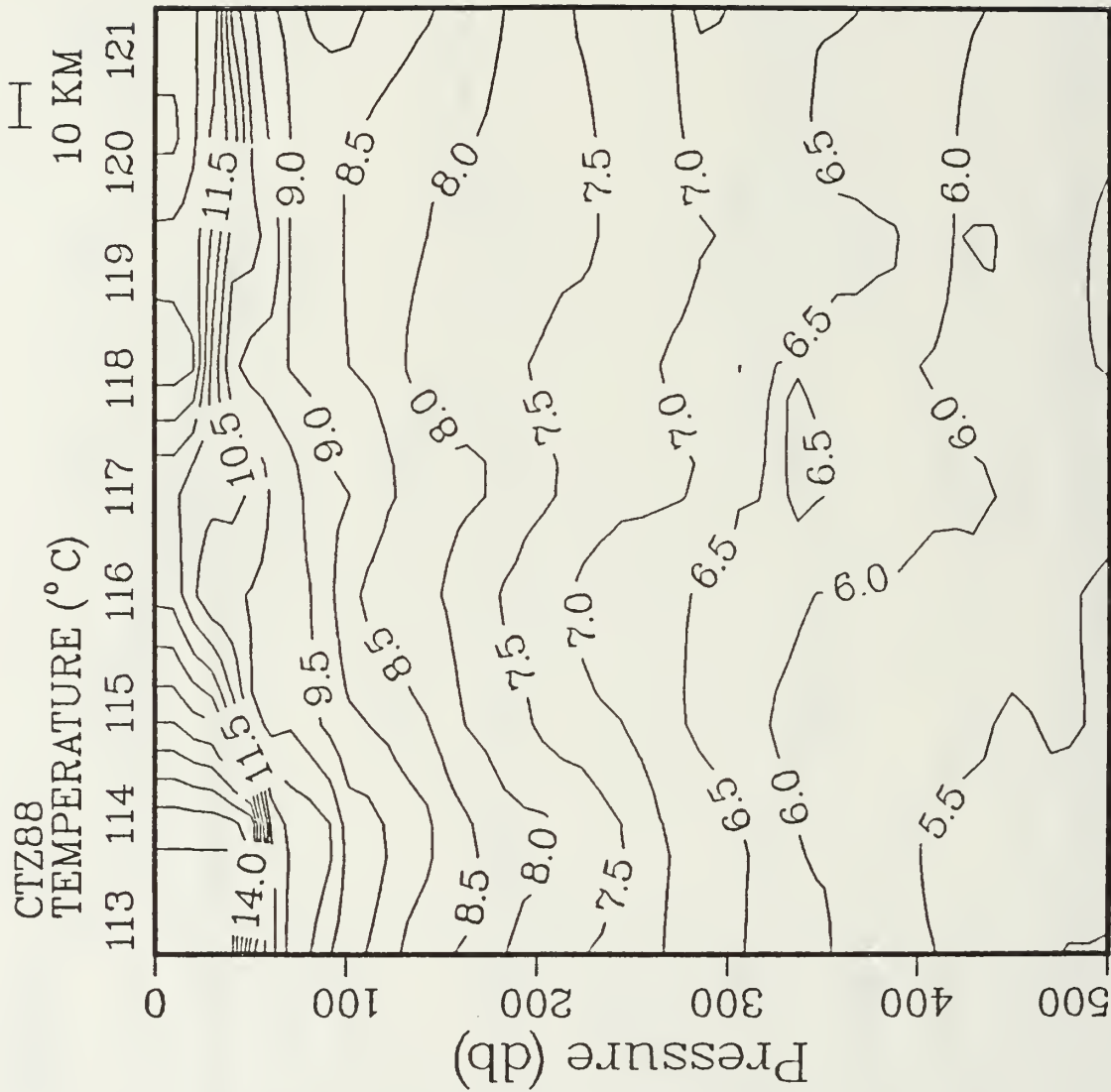


Figure 14. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 113-121 of part I.

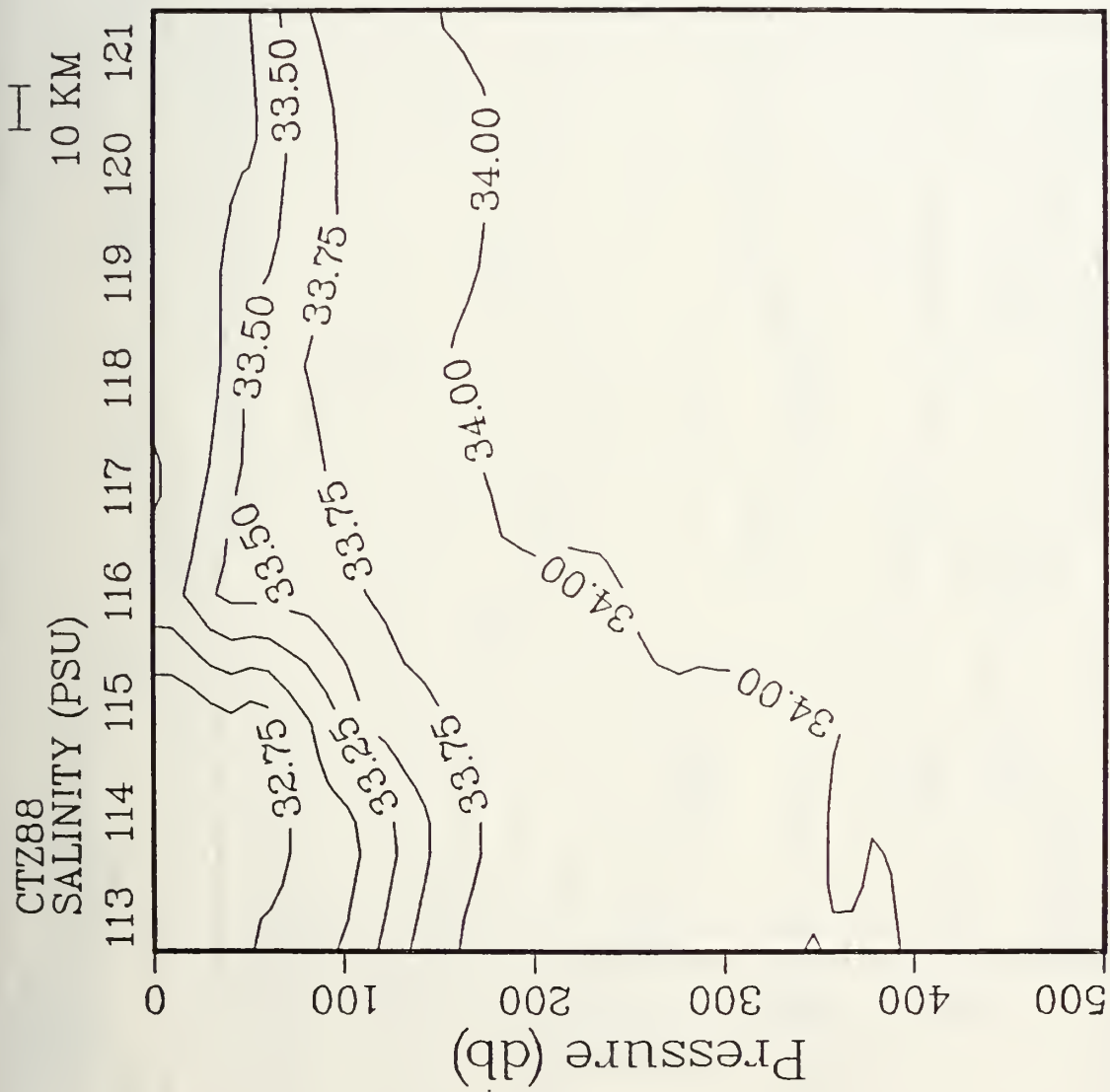


Figure 14b.

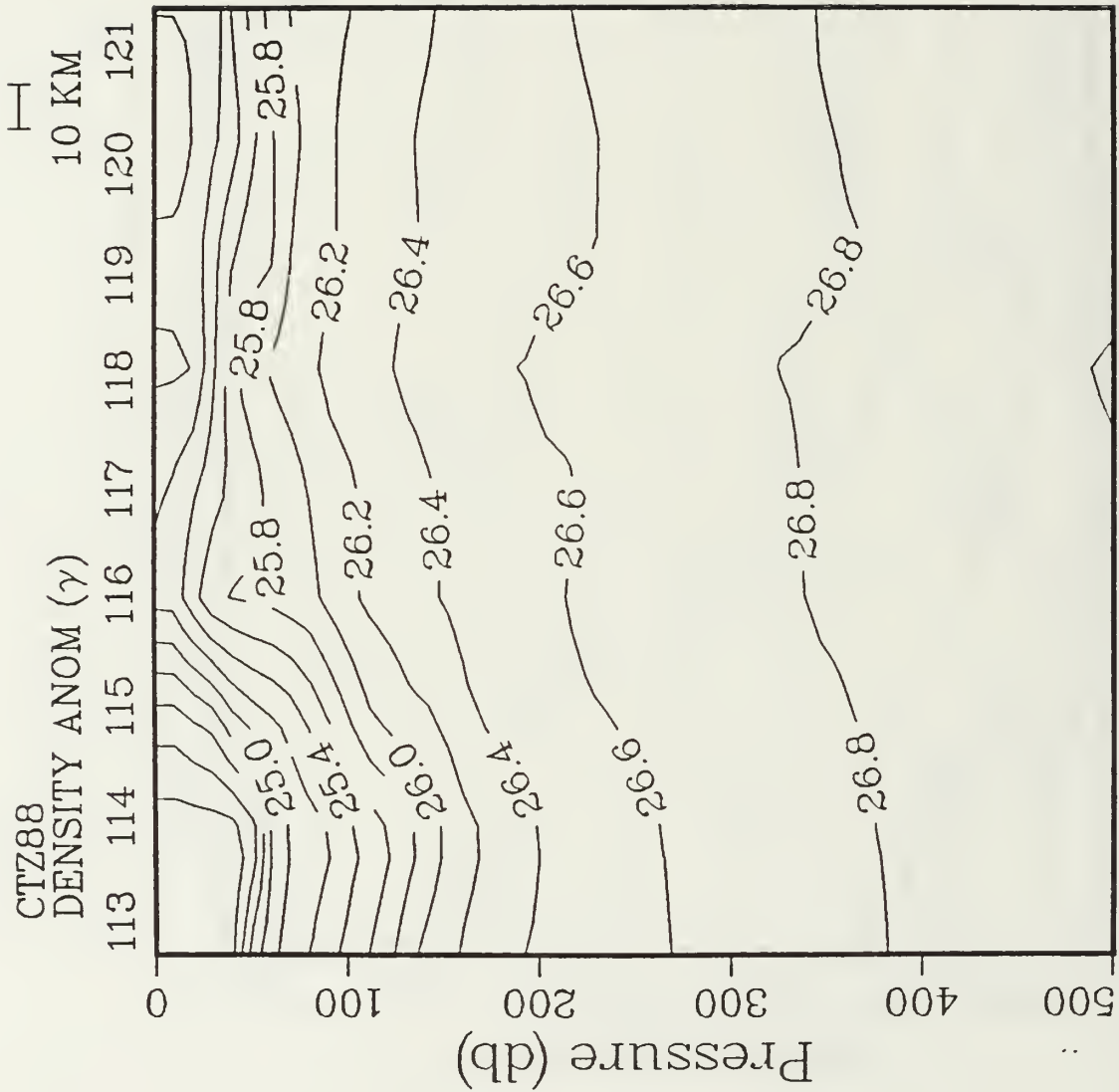


Figure 14c.

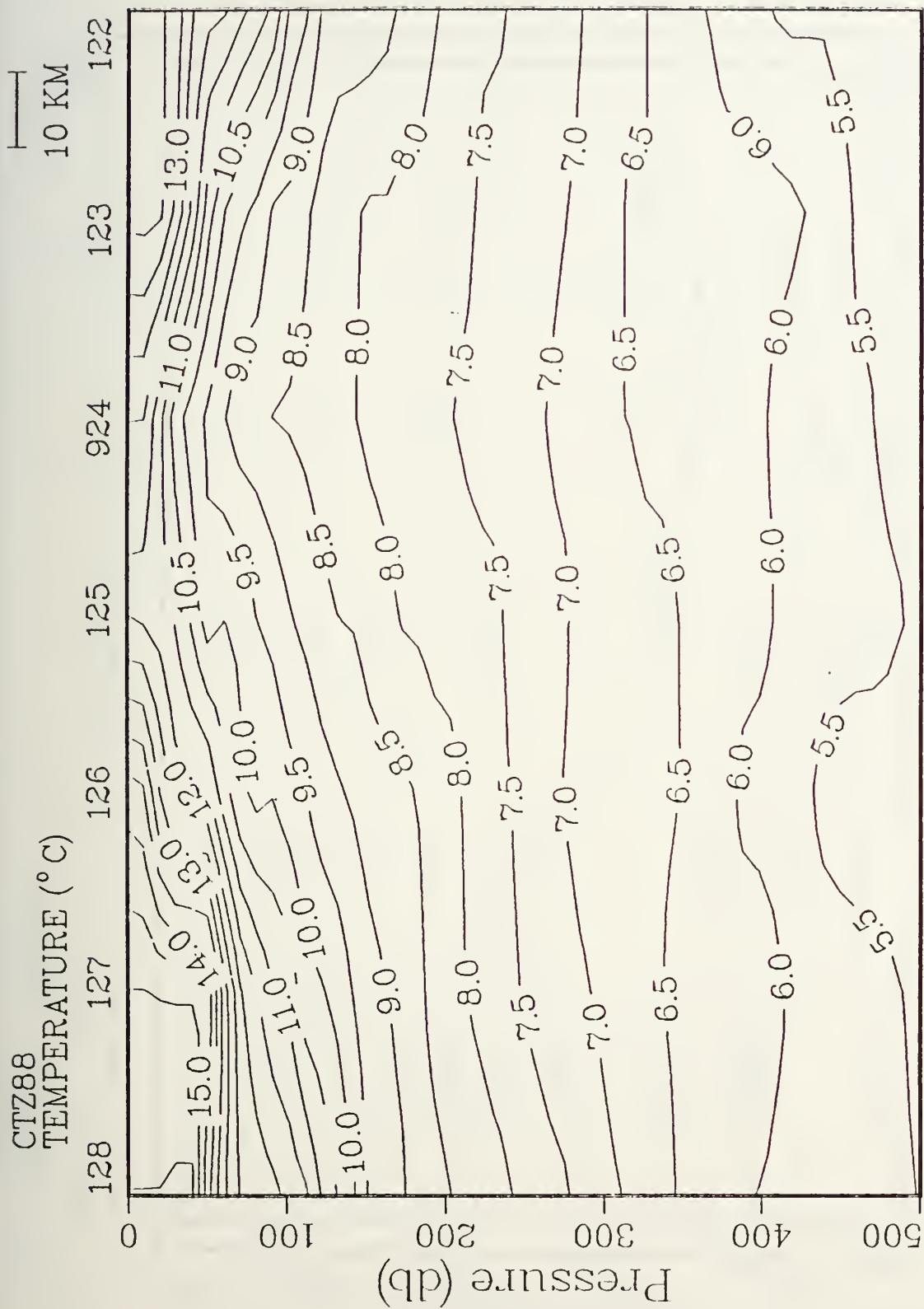


Figure 15. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 122, 123, 924, and 125-128 of part I.

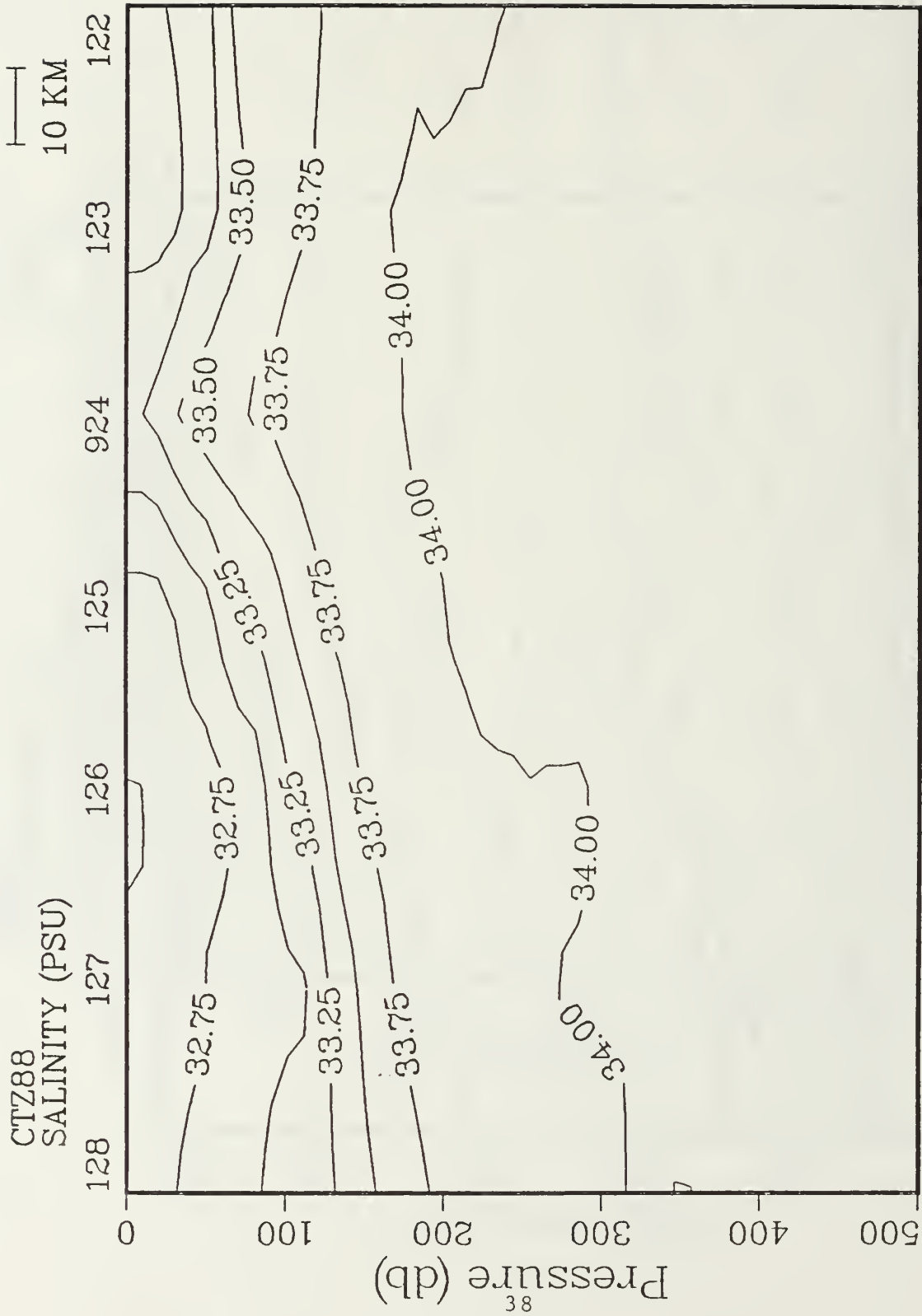


Figure 15b.

CTZ88

DENSITY ANOM (γ)

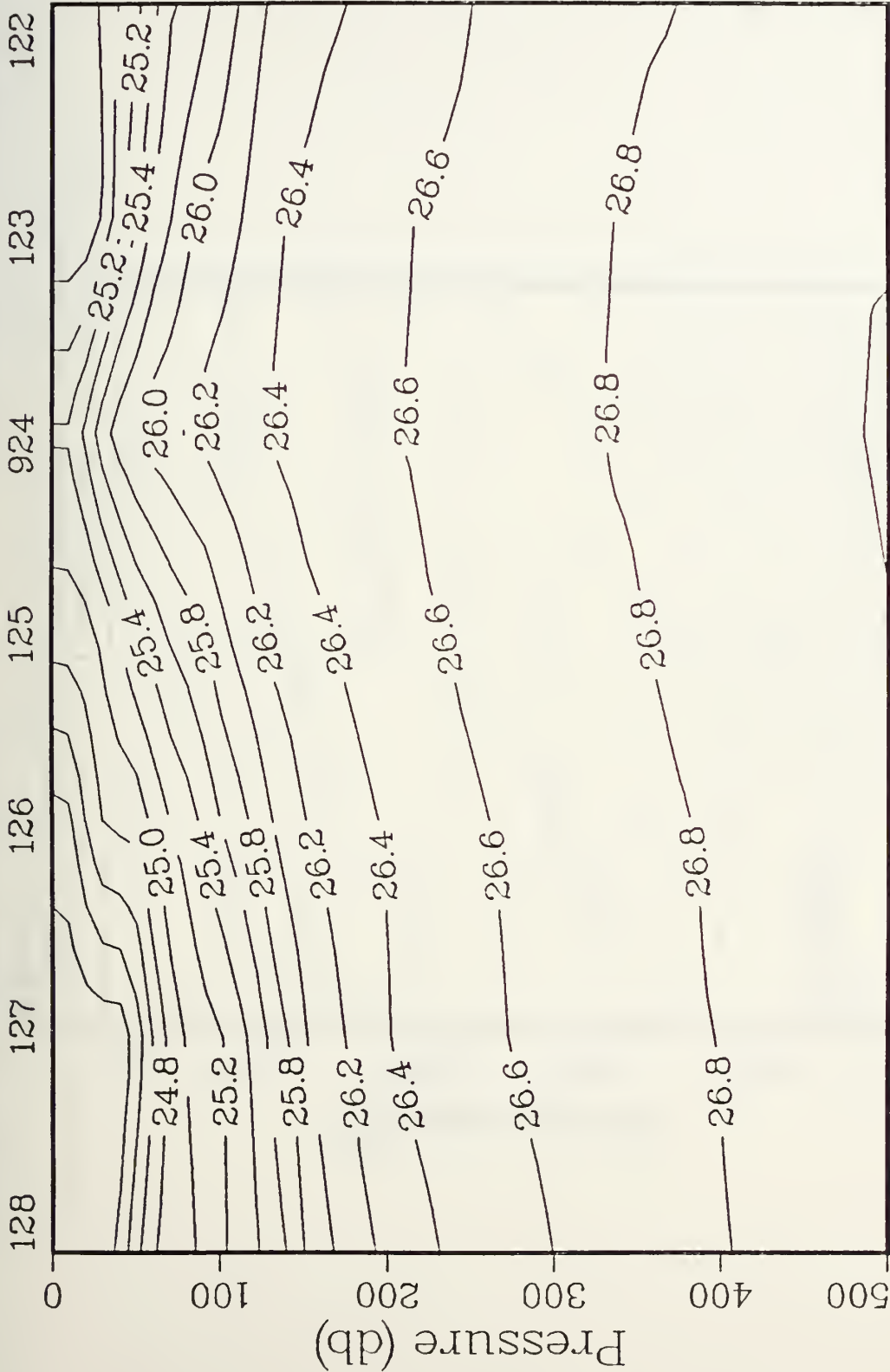


Figure 15c.

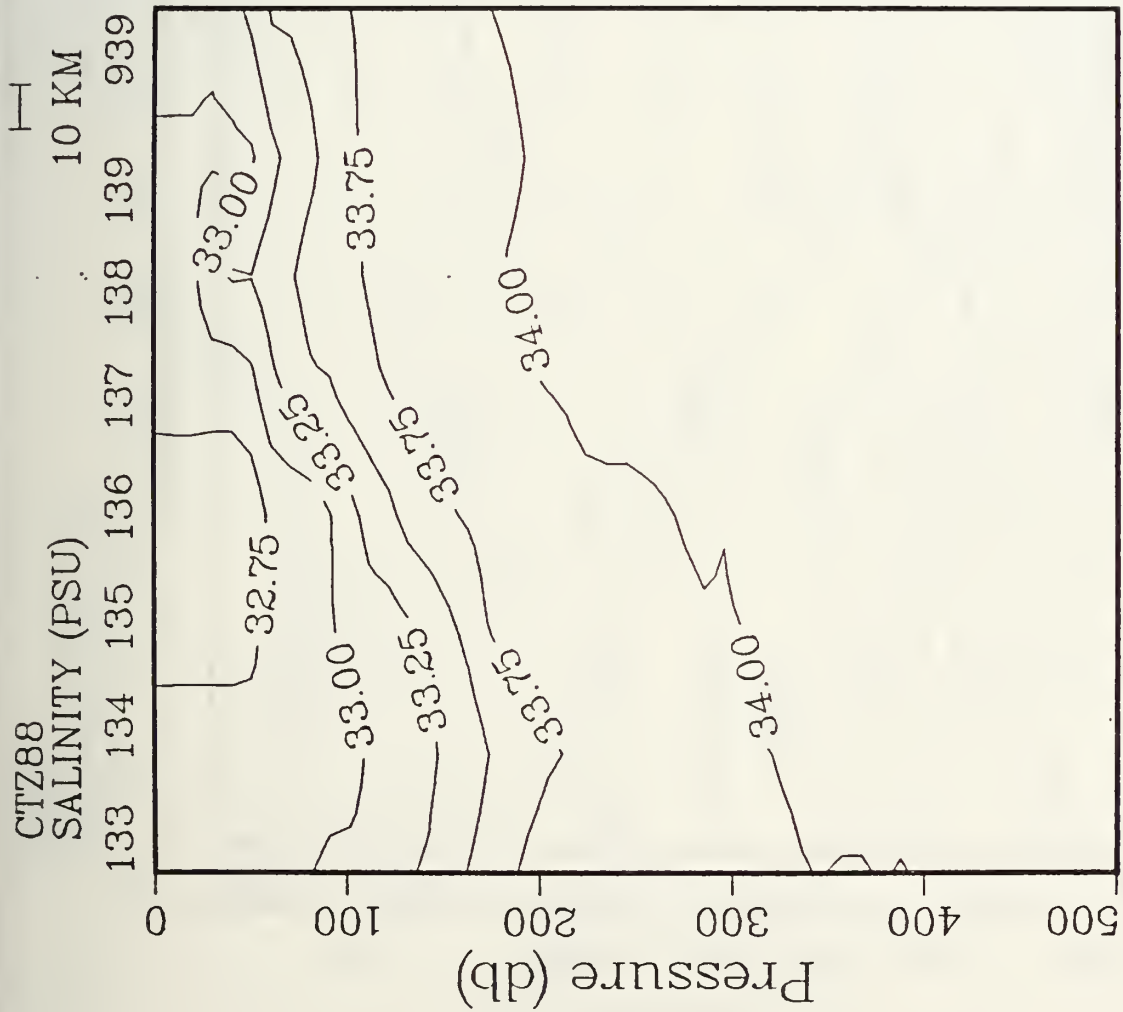


Figure 16b.

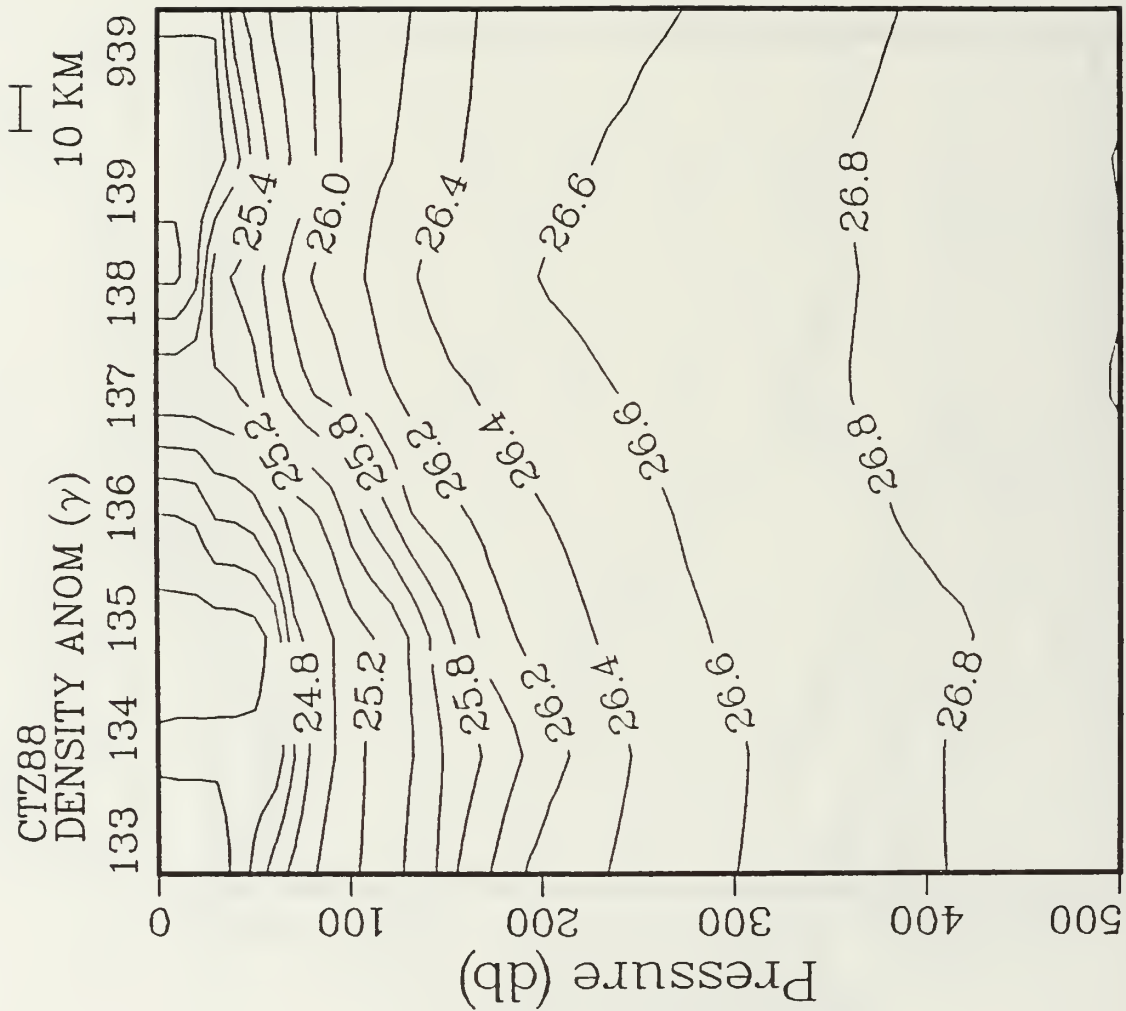


Figure 16c.

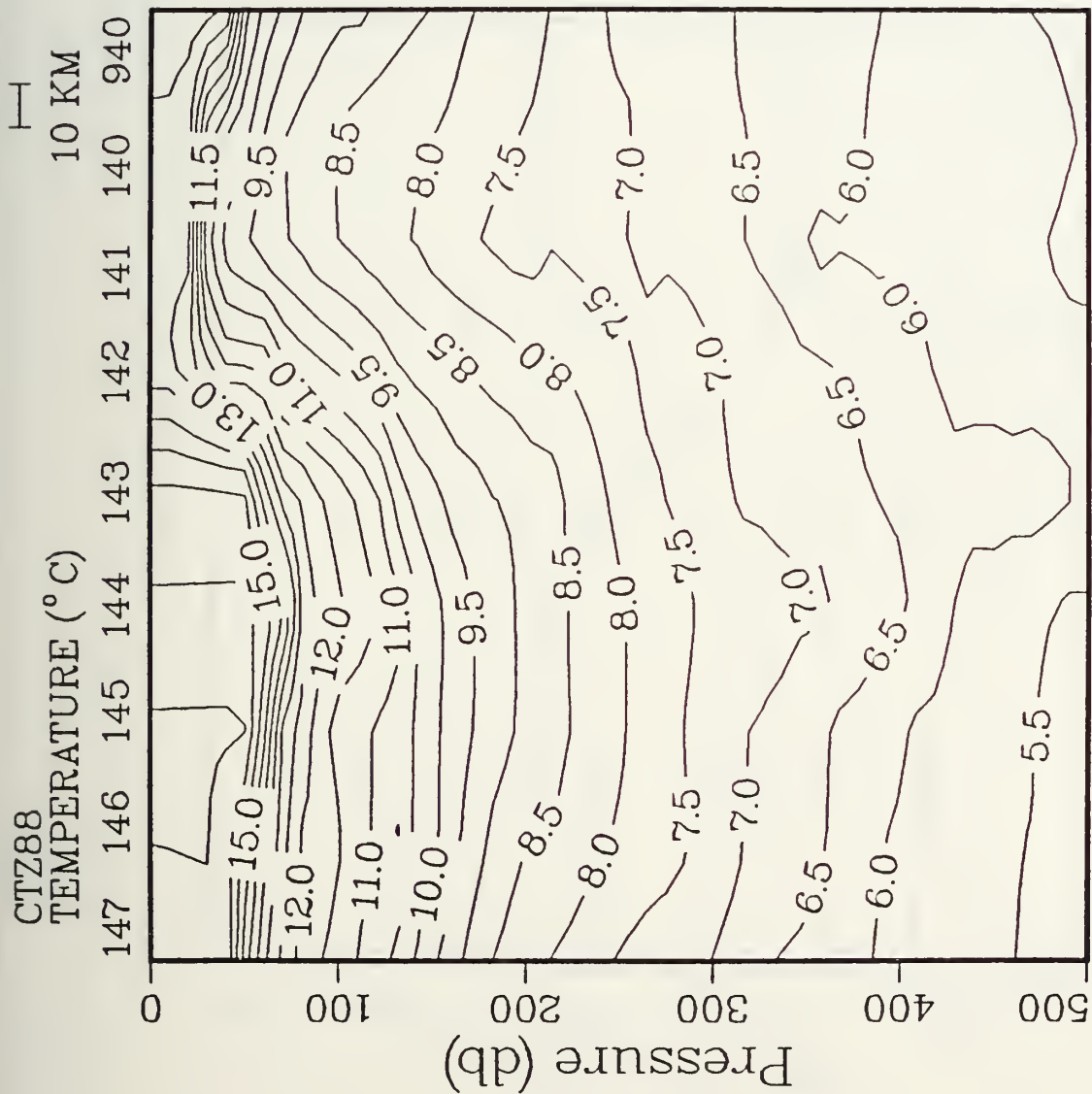


Figure 17. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 940 and 140-147 of part I.

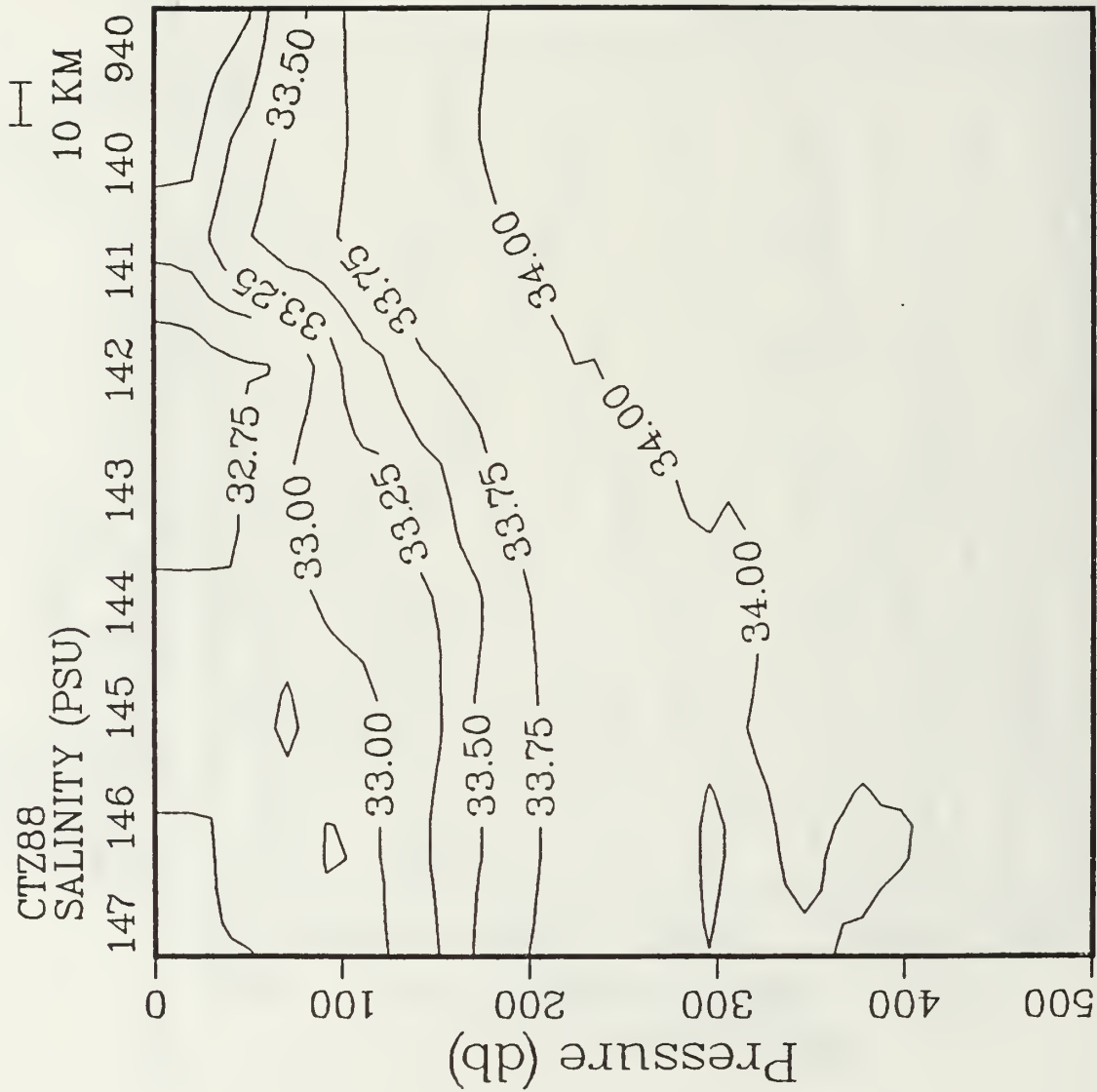


Figure 17b.

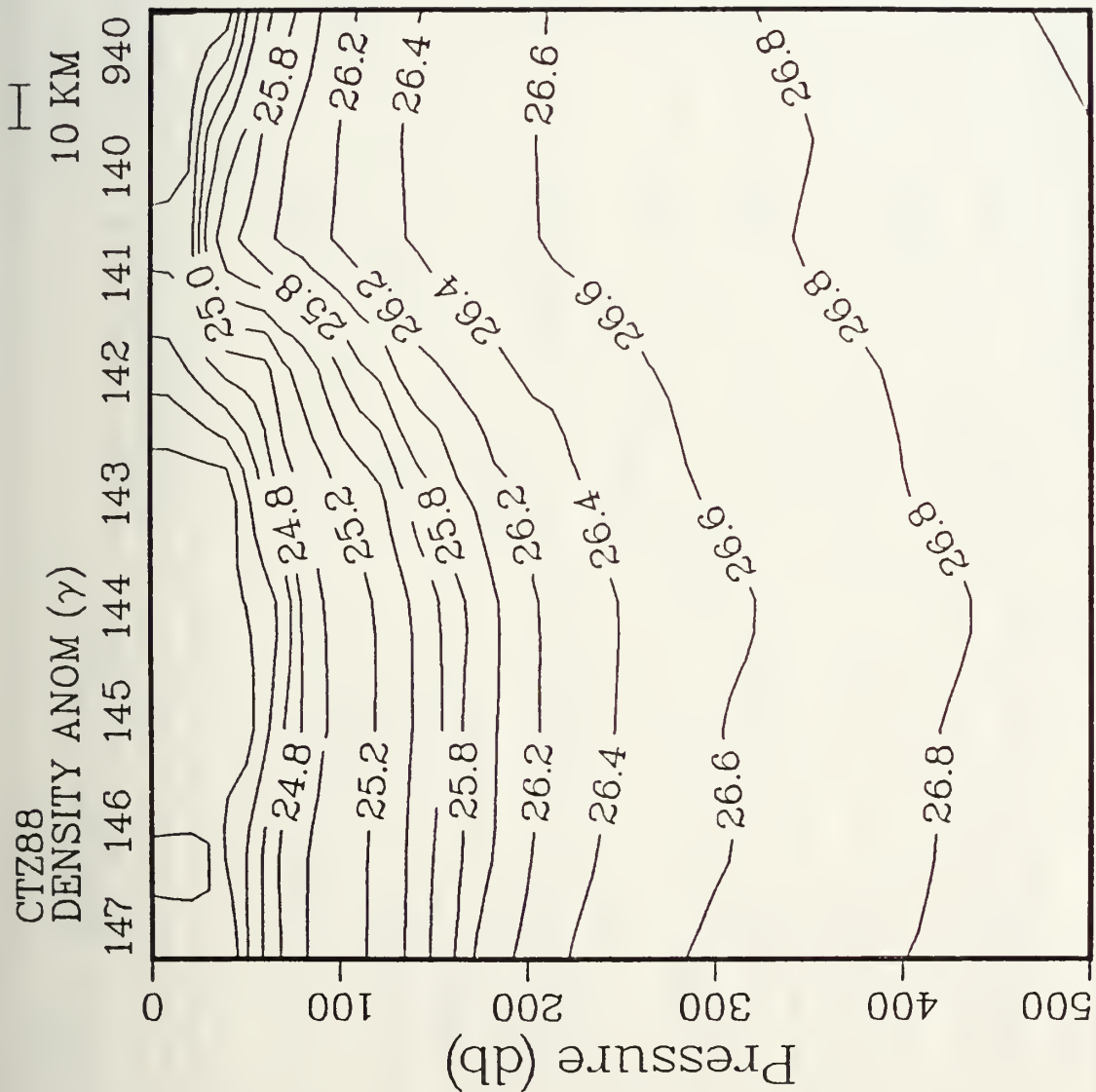


Figure 17c.

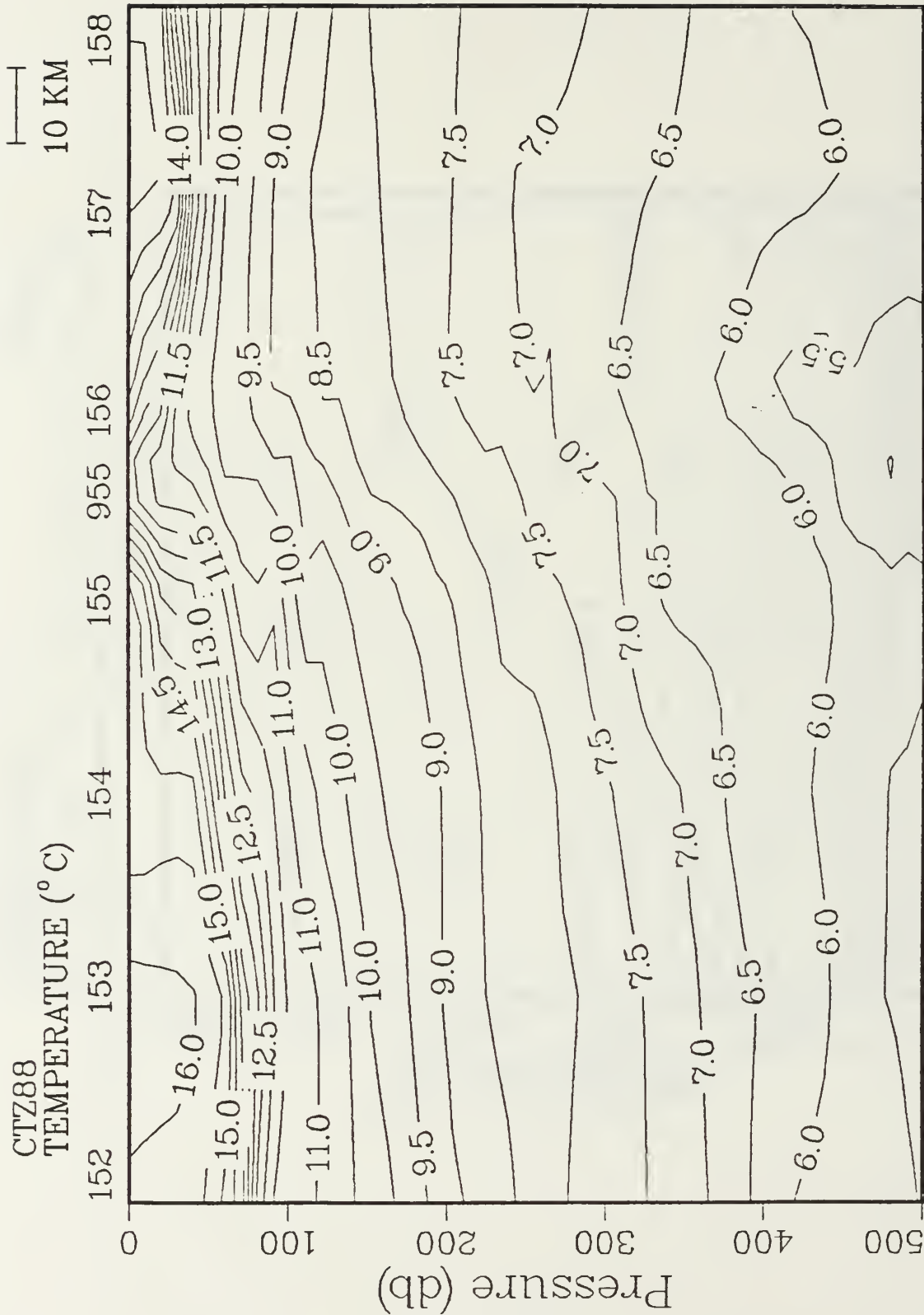


Figure 18. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 152-155, 955, and 156-158 of part I.

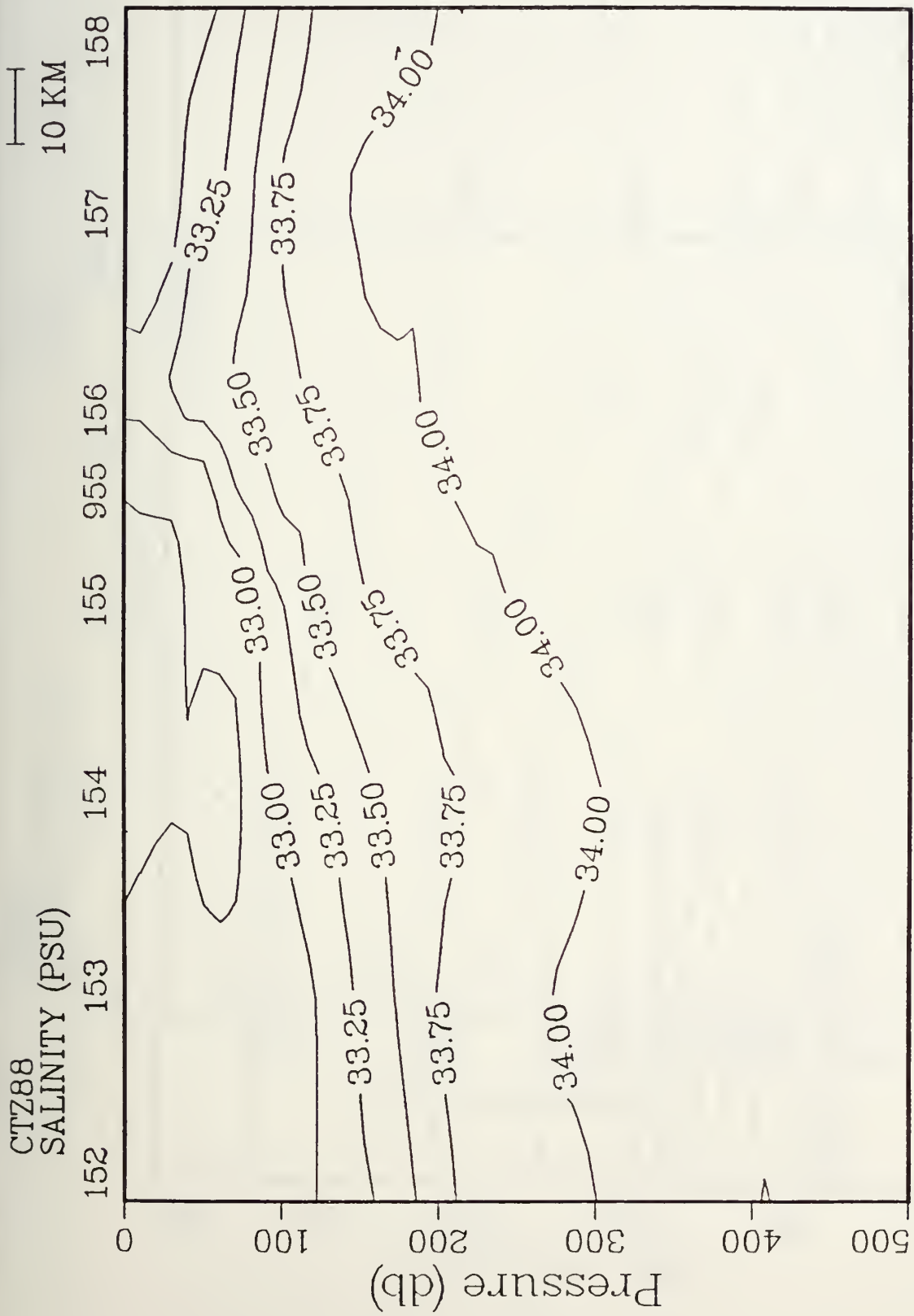


Figure 18b.

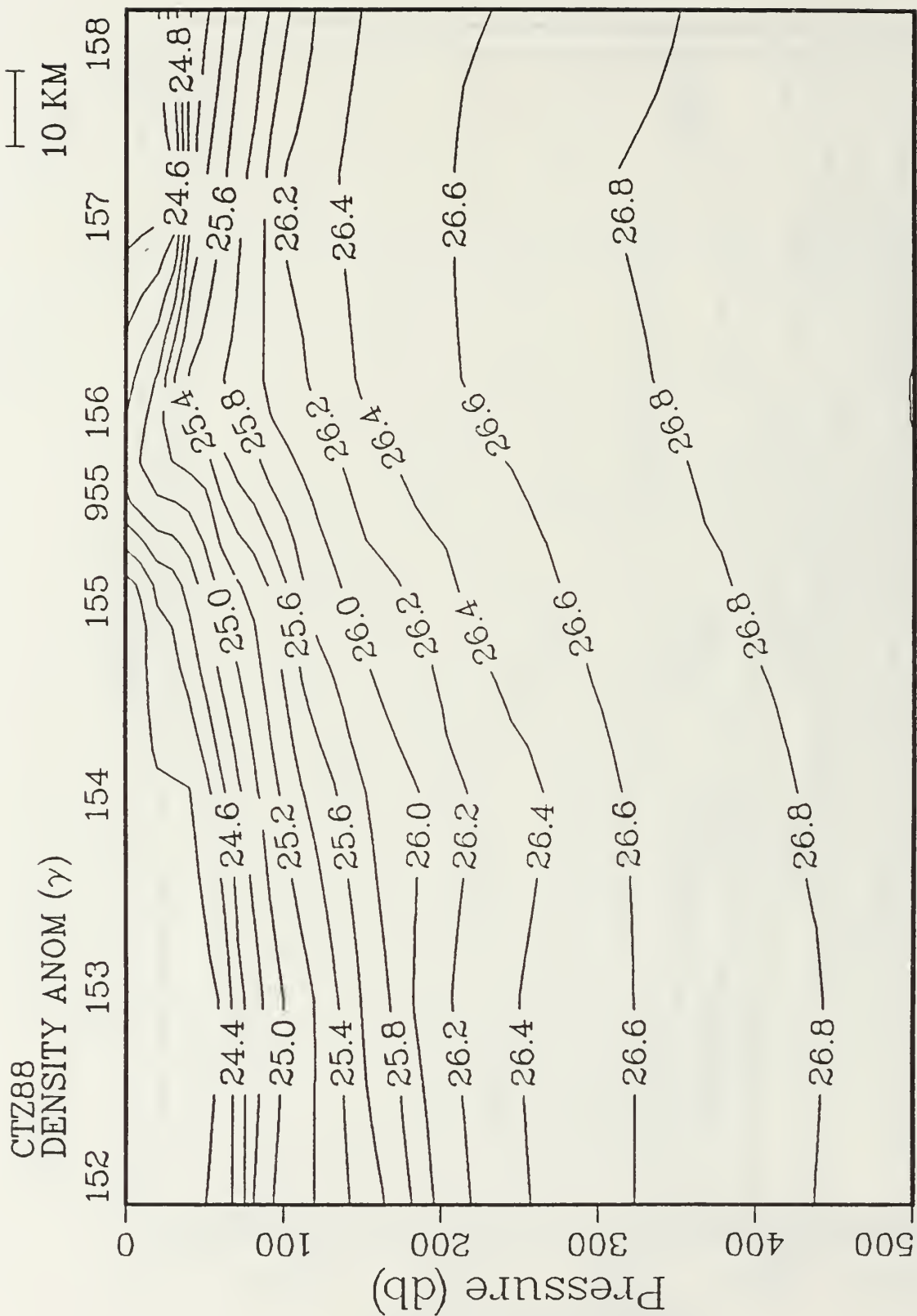


Figure 18c.

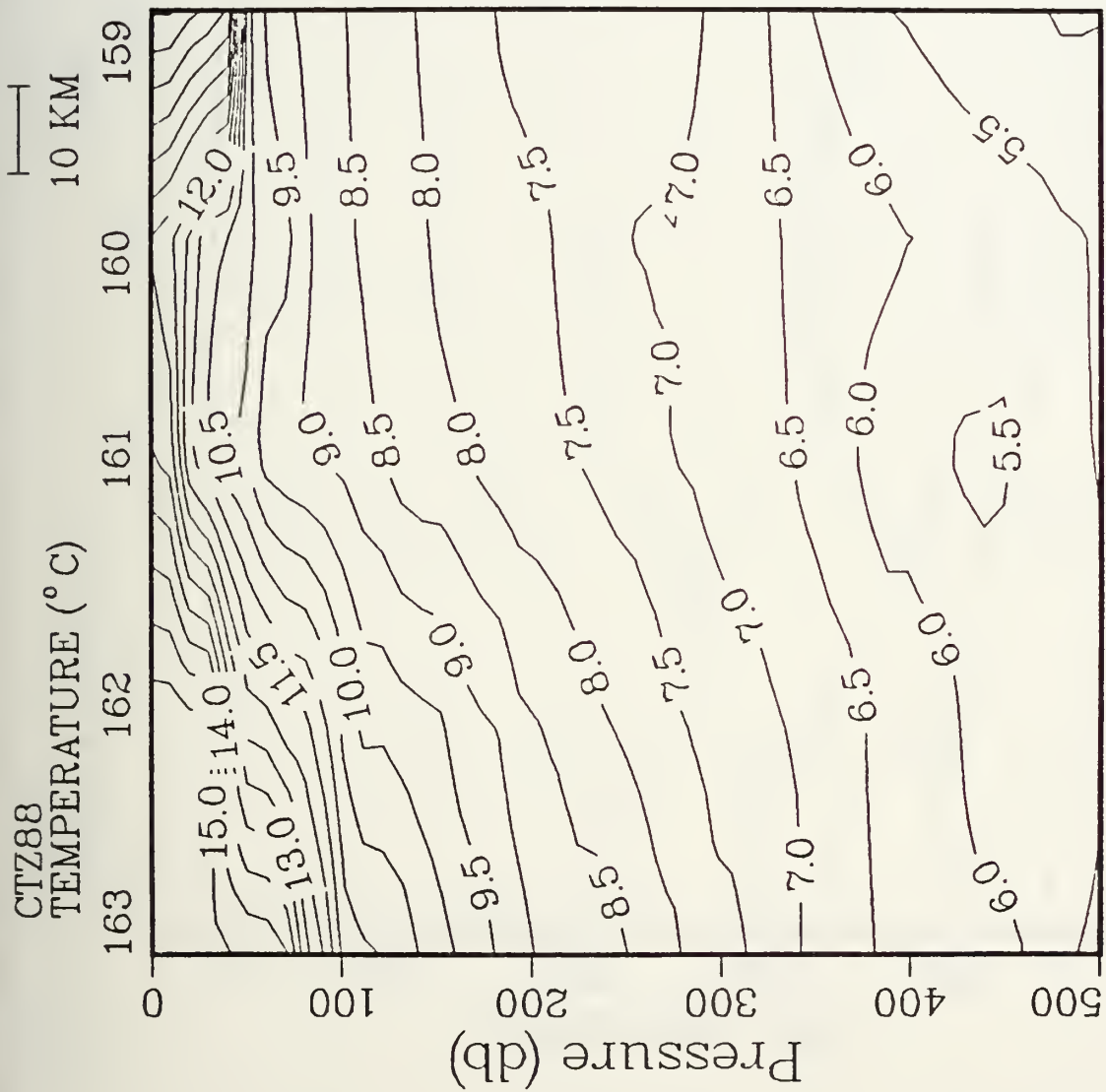


Figure 19. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 159-163 of part I.

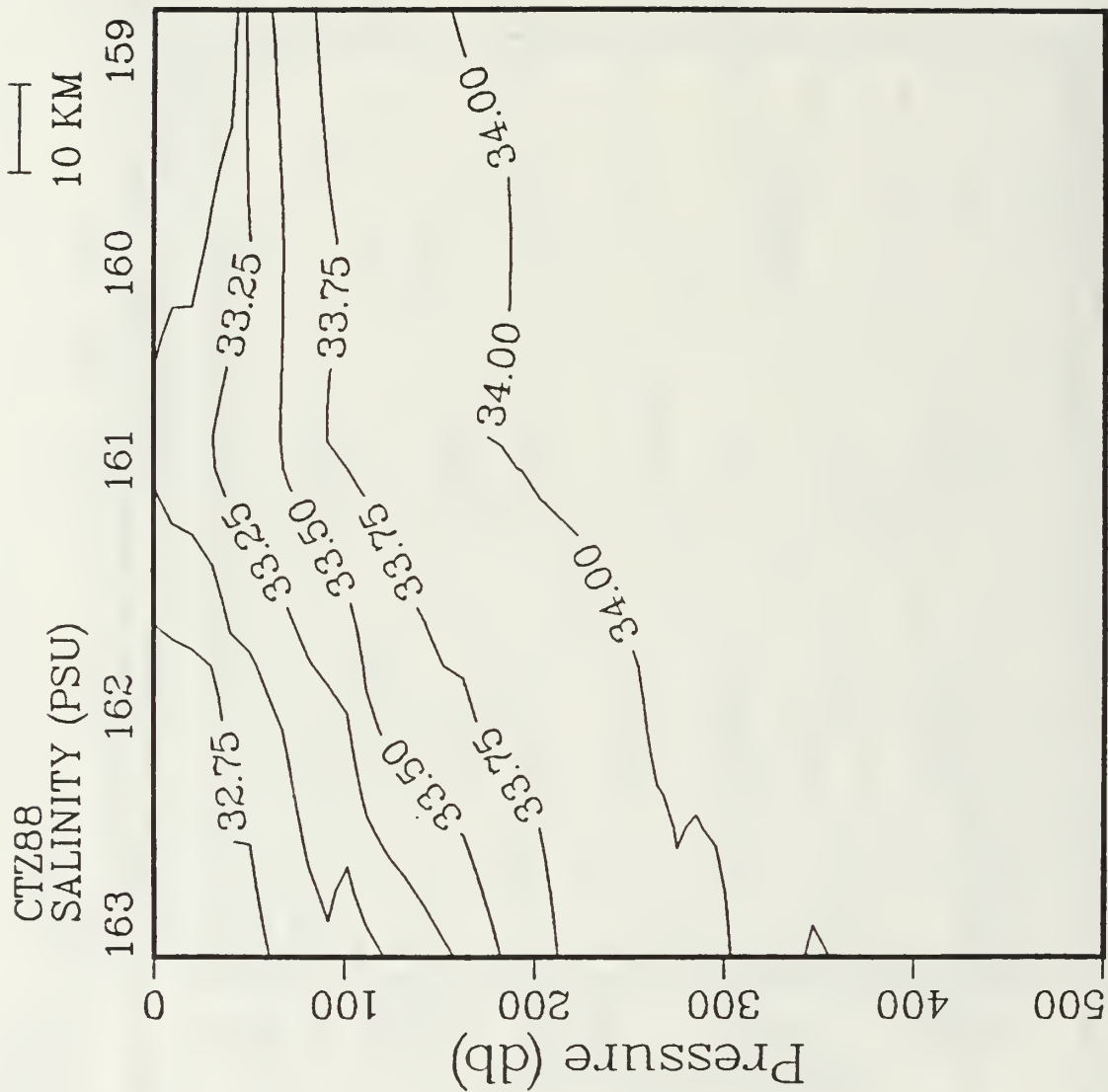


Figure 19b.

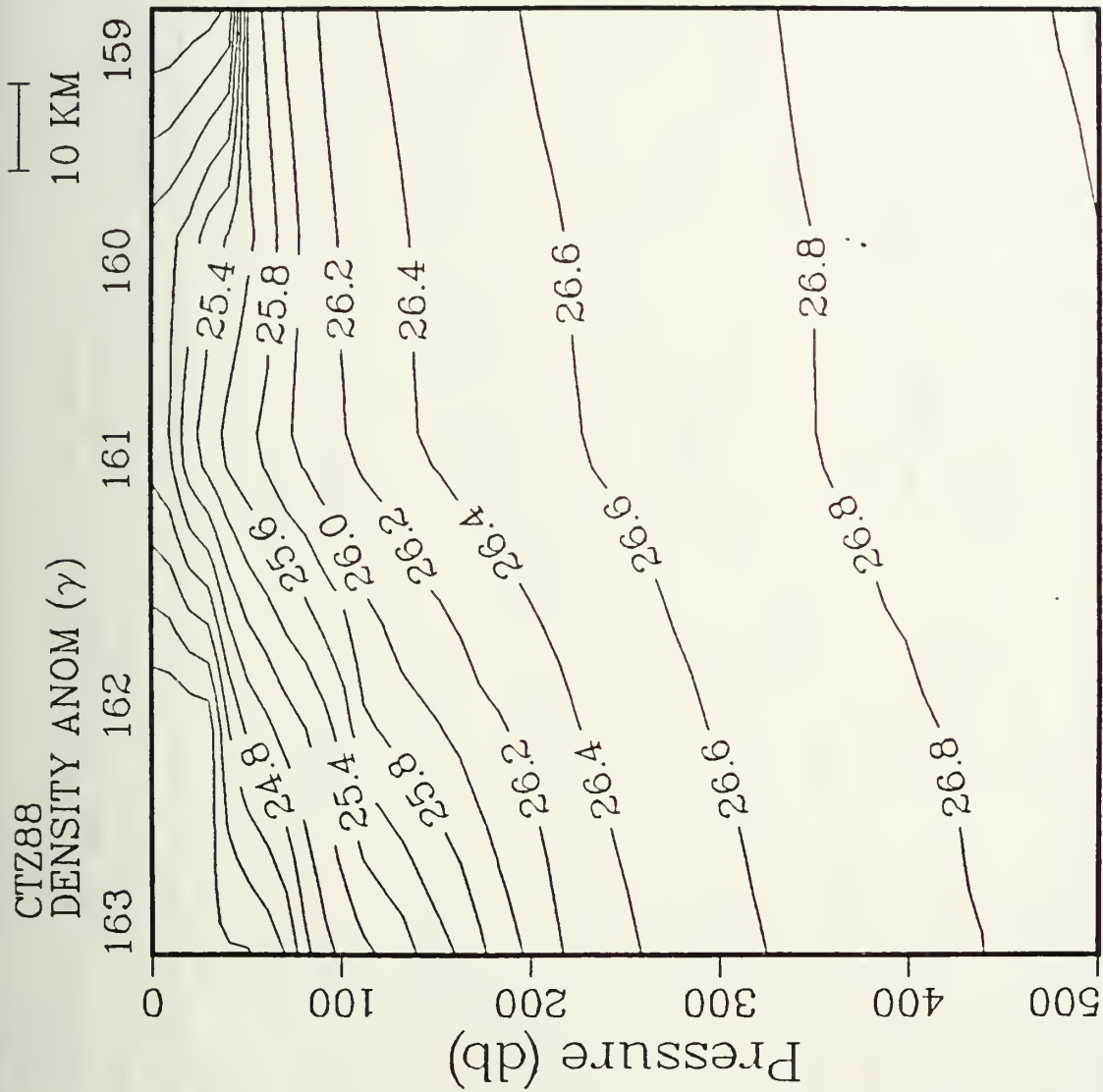


Figure 19c.

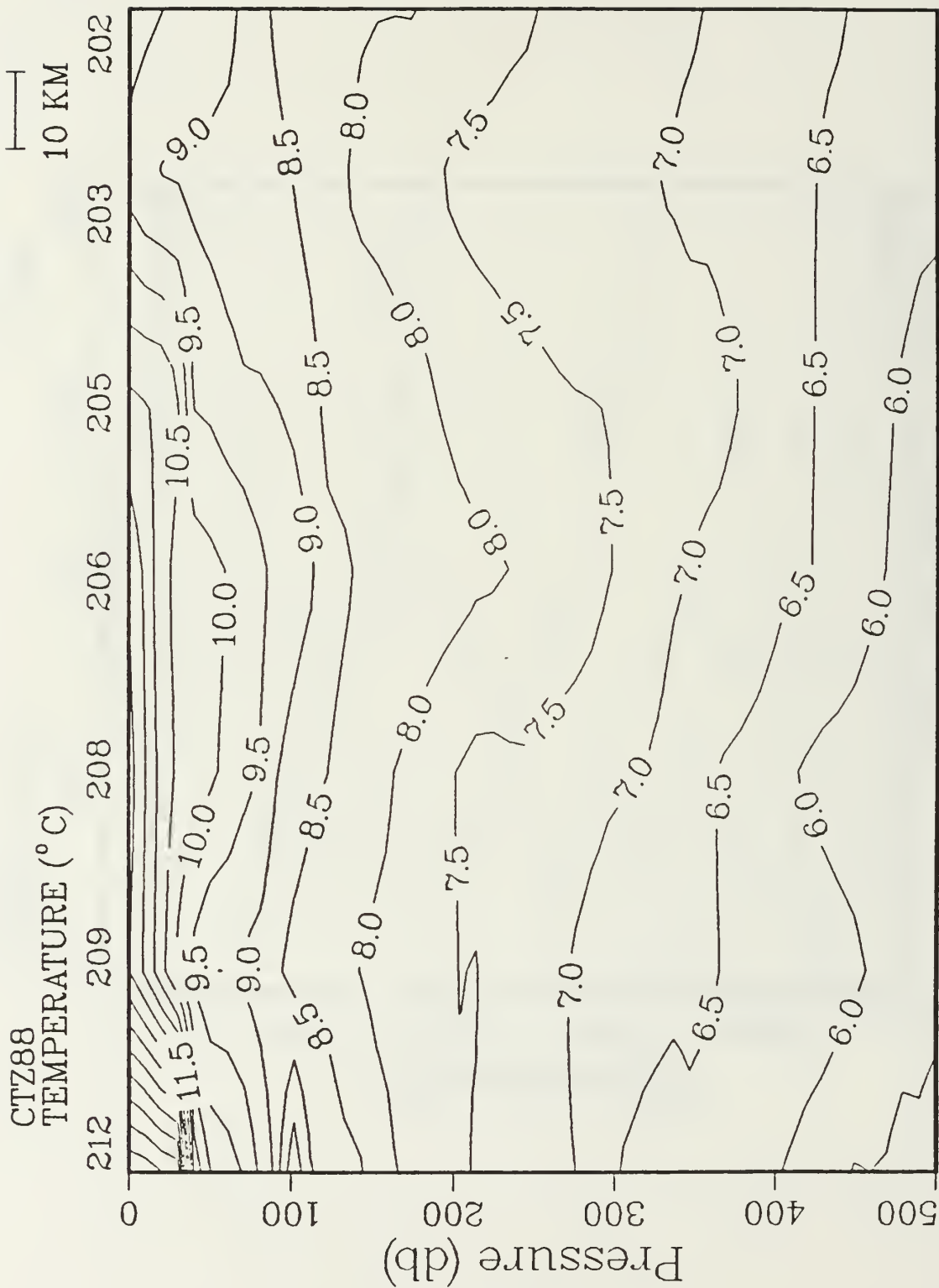


Figure 20. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 202, 203, 205, 206, 208, 209, and 212 of part II.

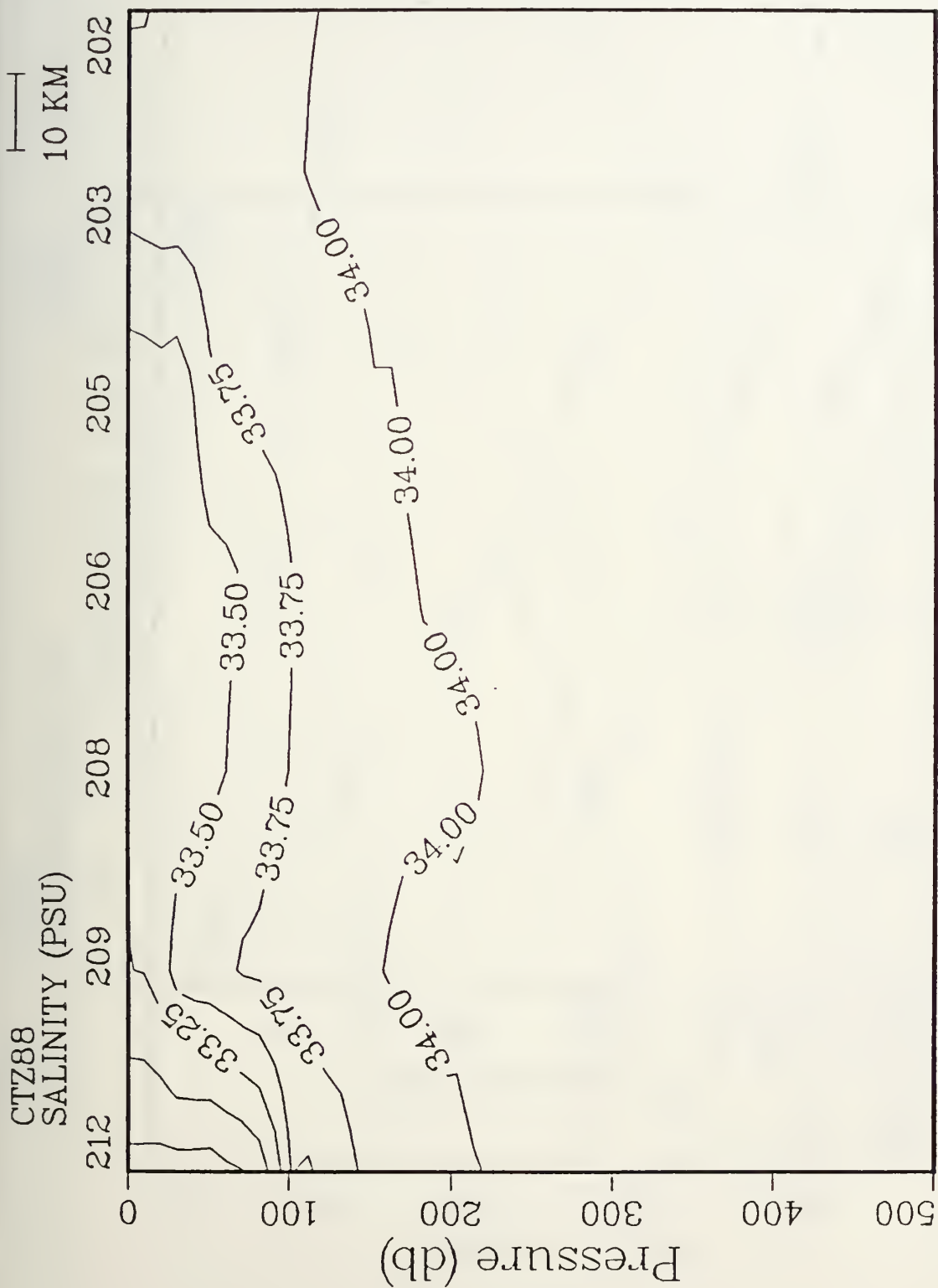


Figure 20b.

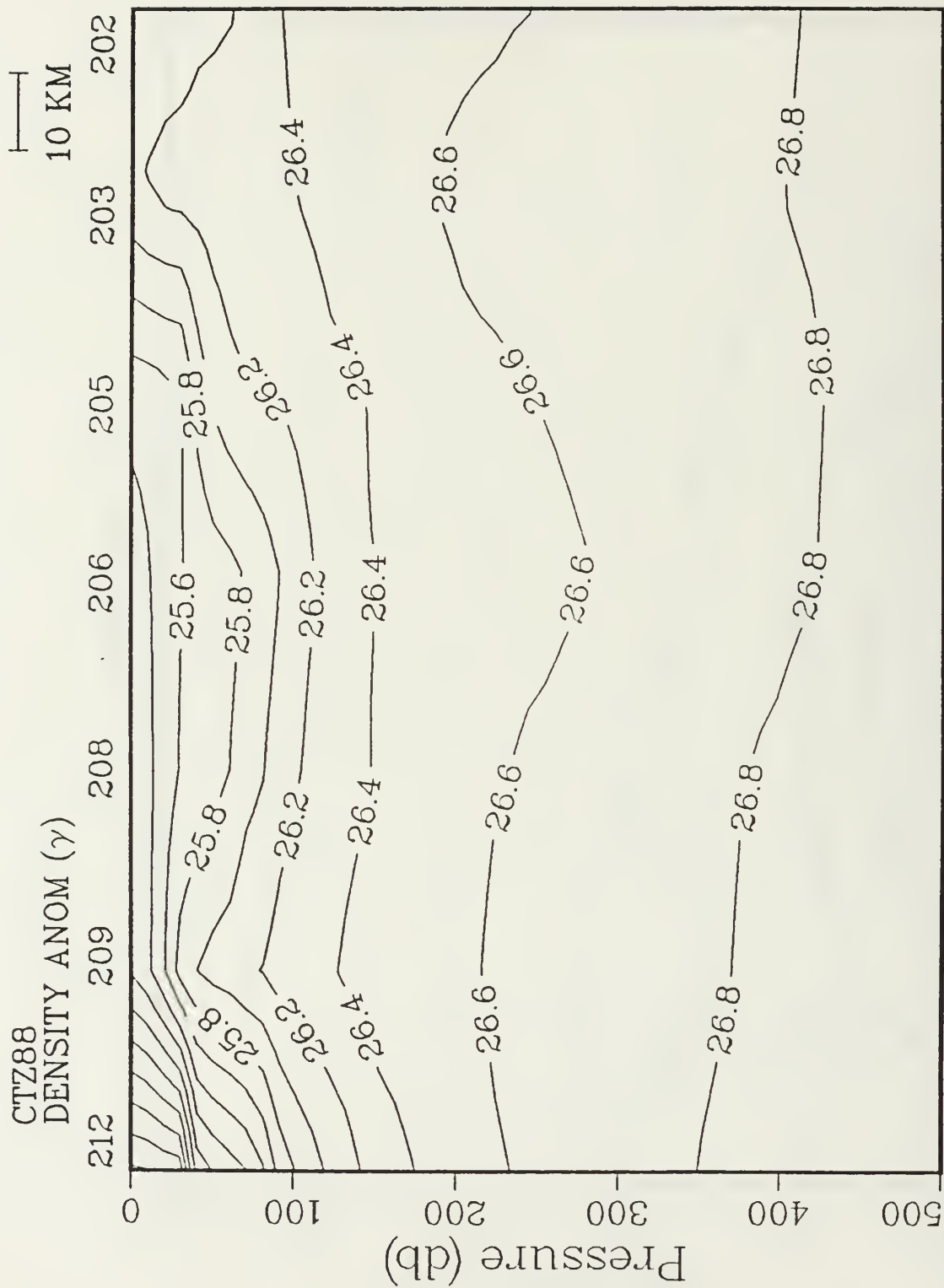


Figure 20c.

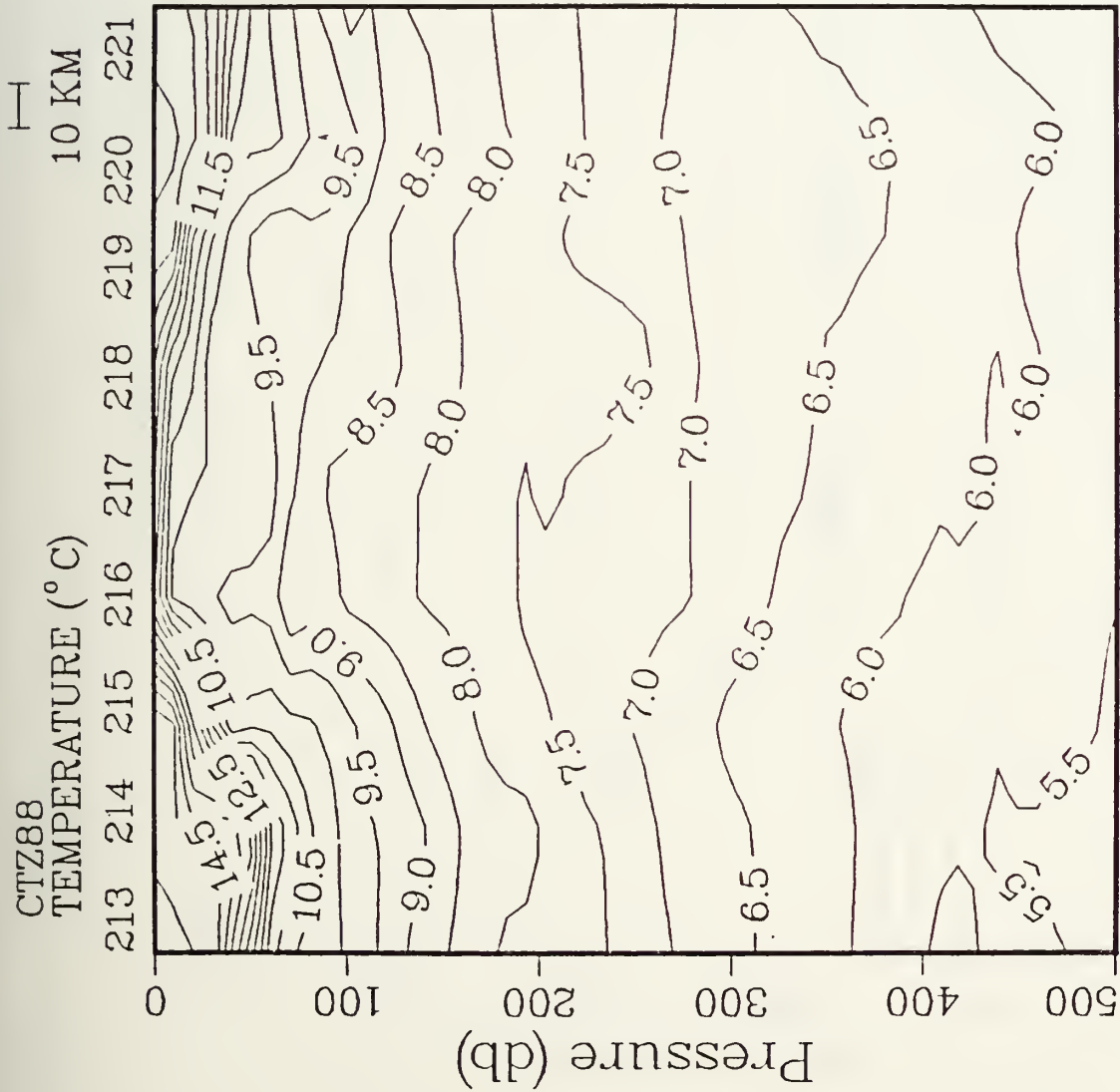


Figure 21. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 213-221 of part II.

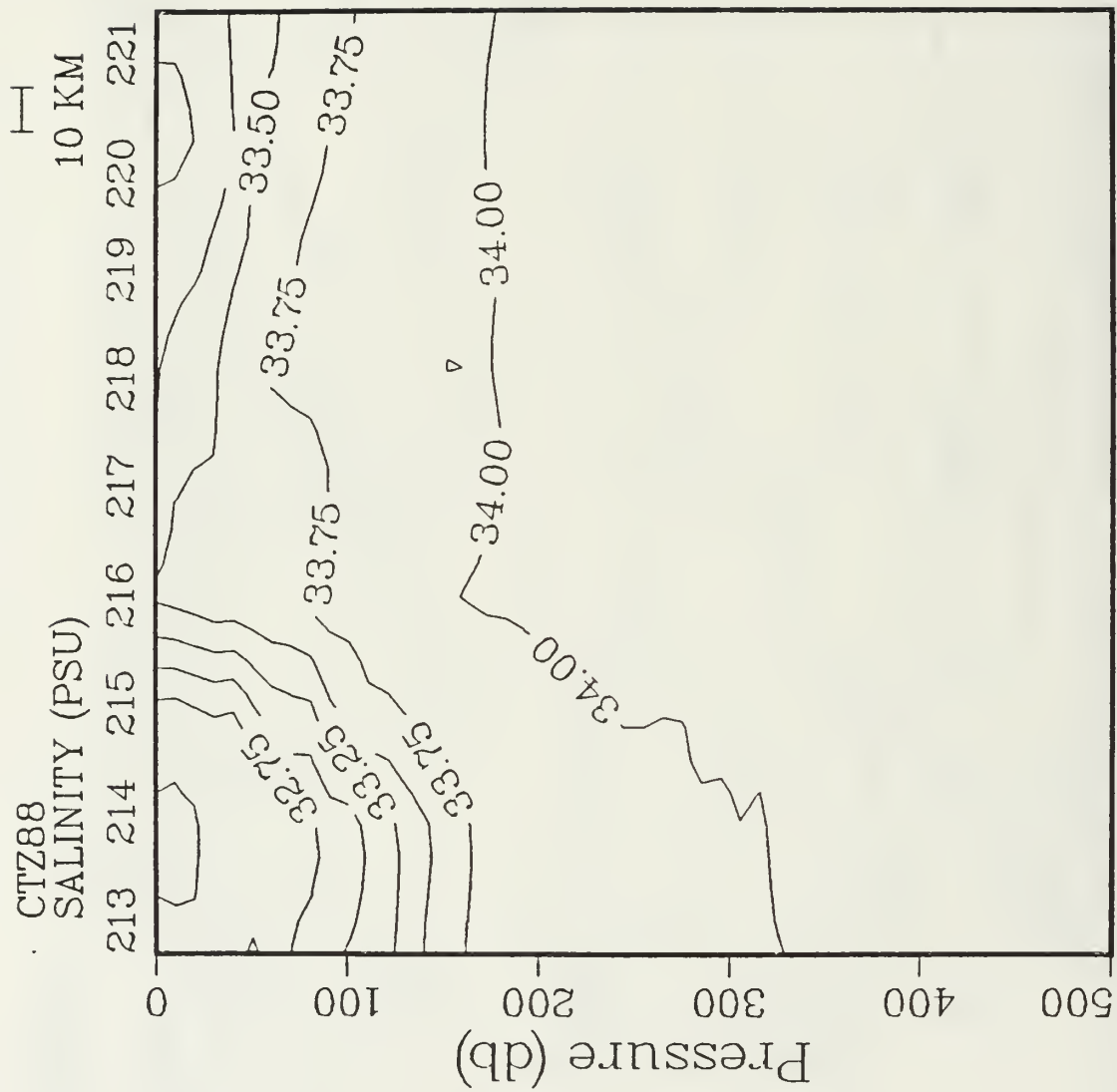


Figure 21b.

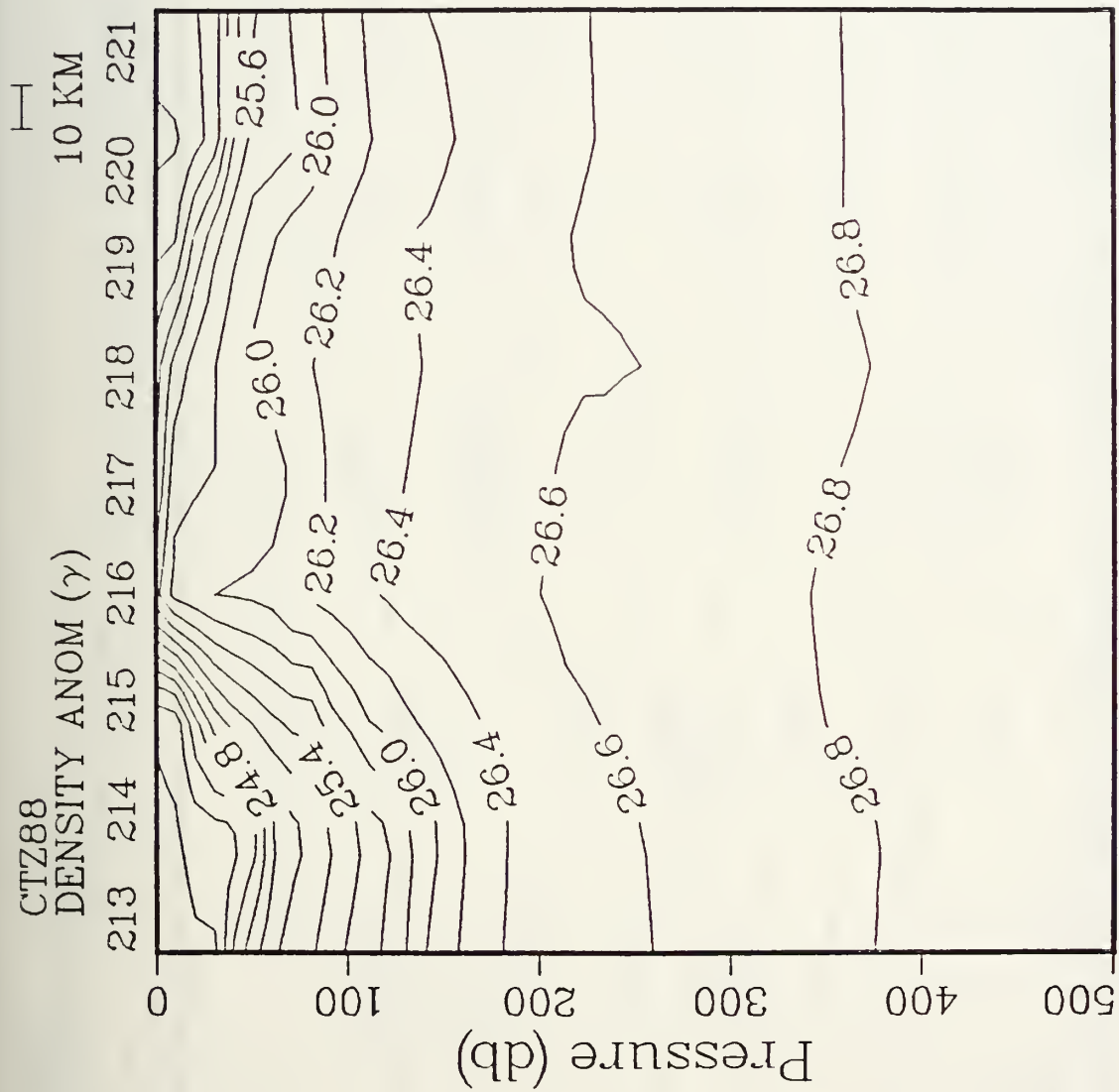


Figure 21c.

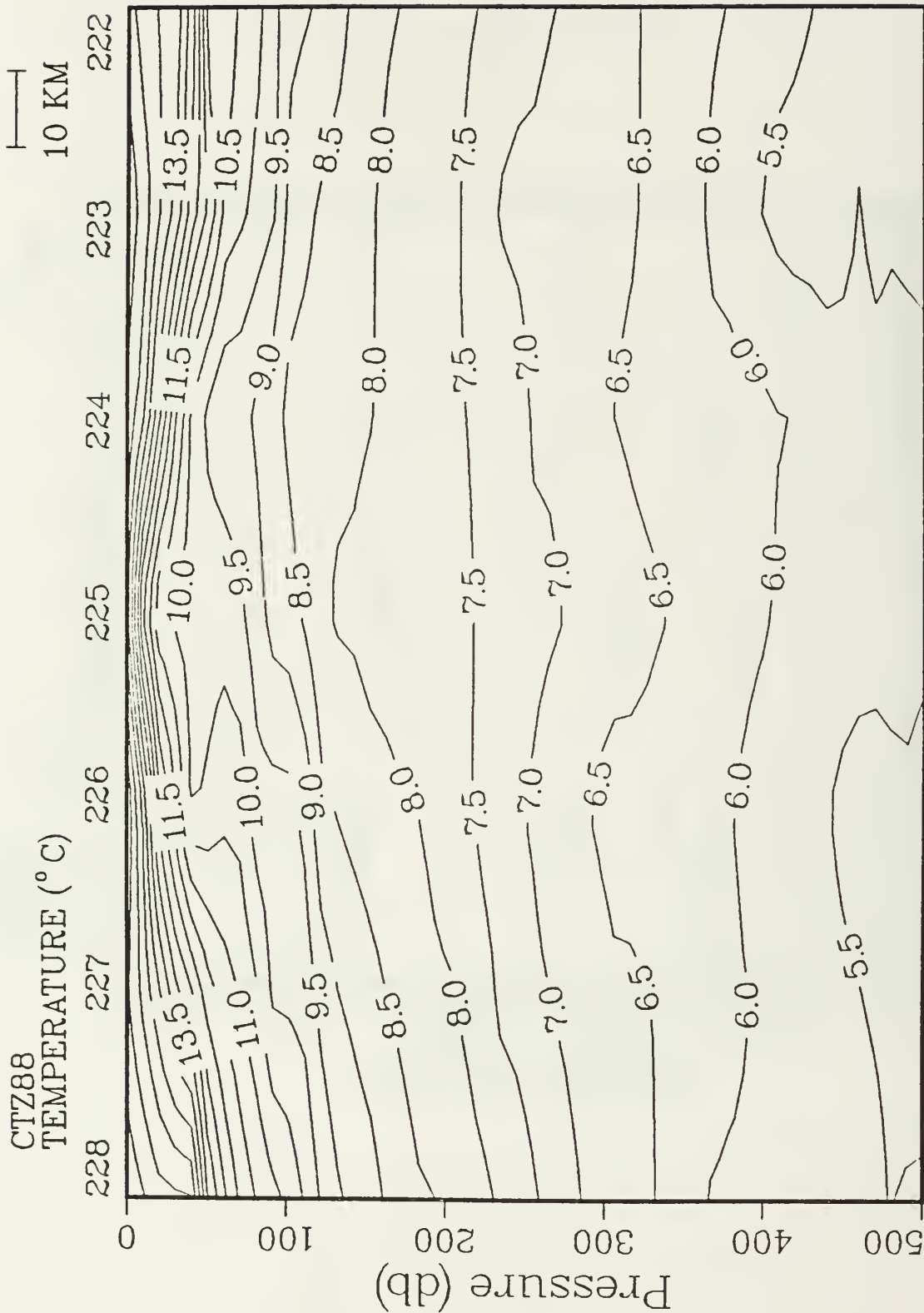


Figure 22. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 222-228 of part II.

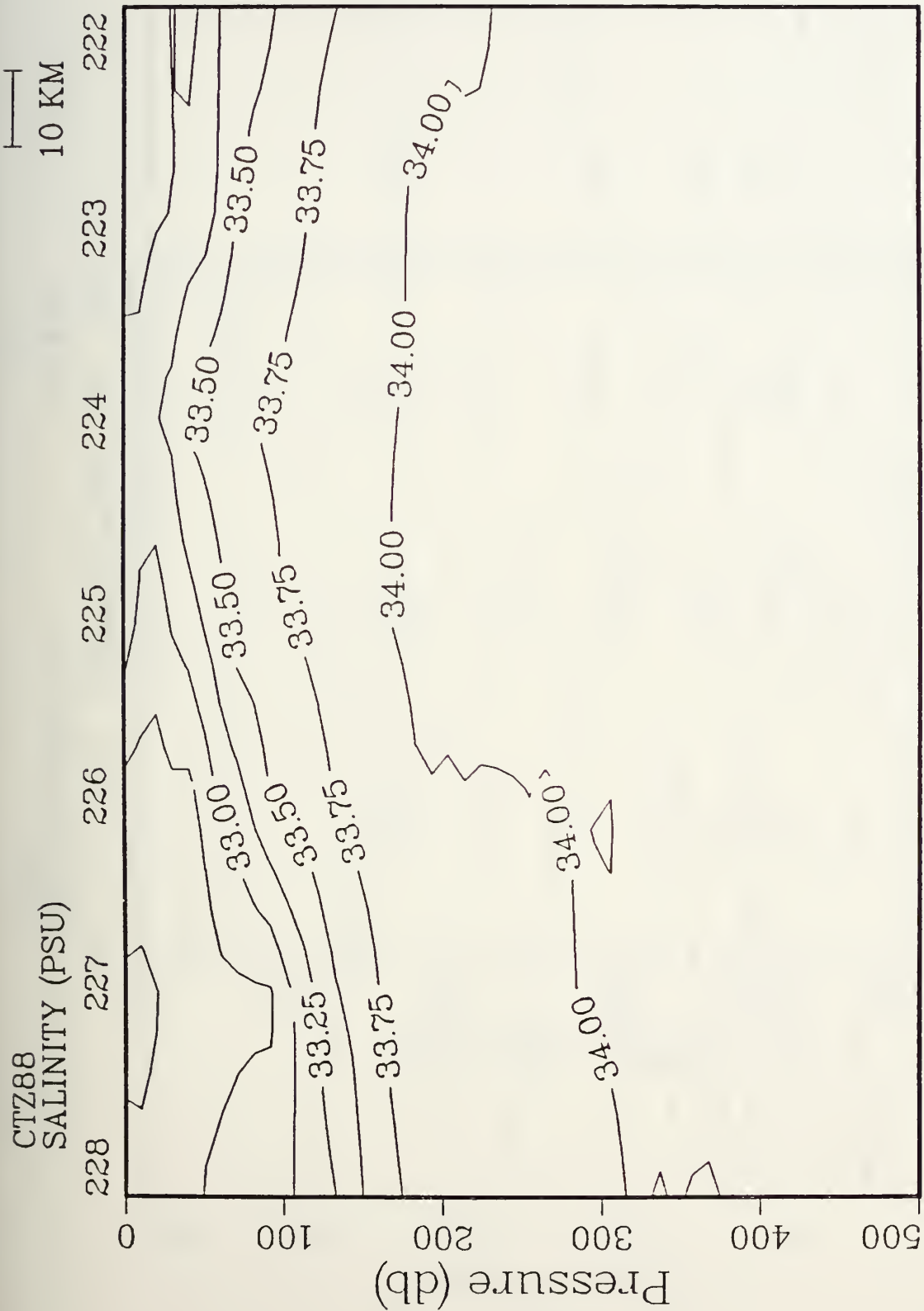


Figure 22b.

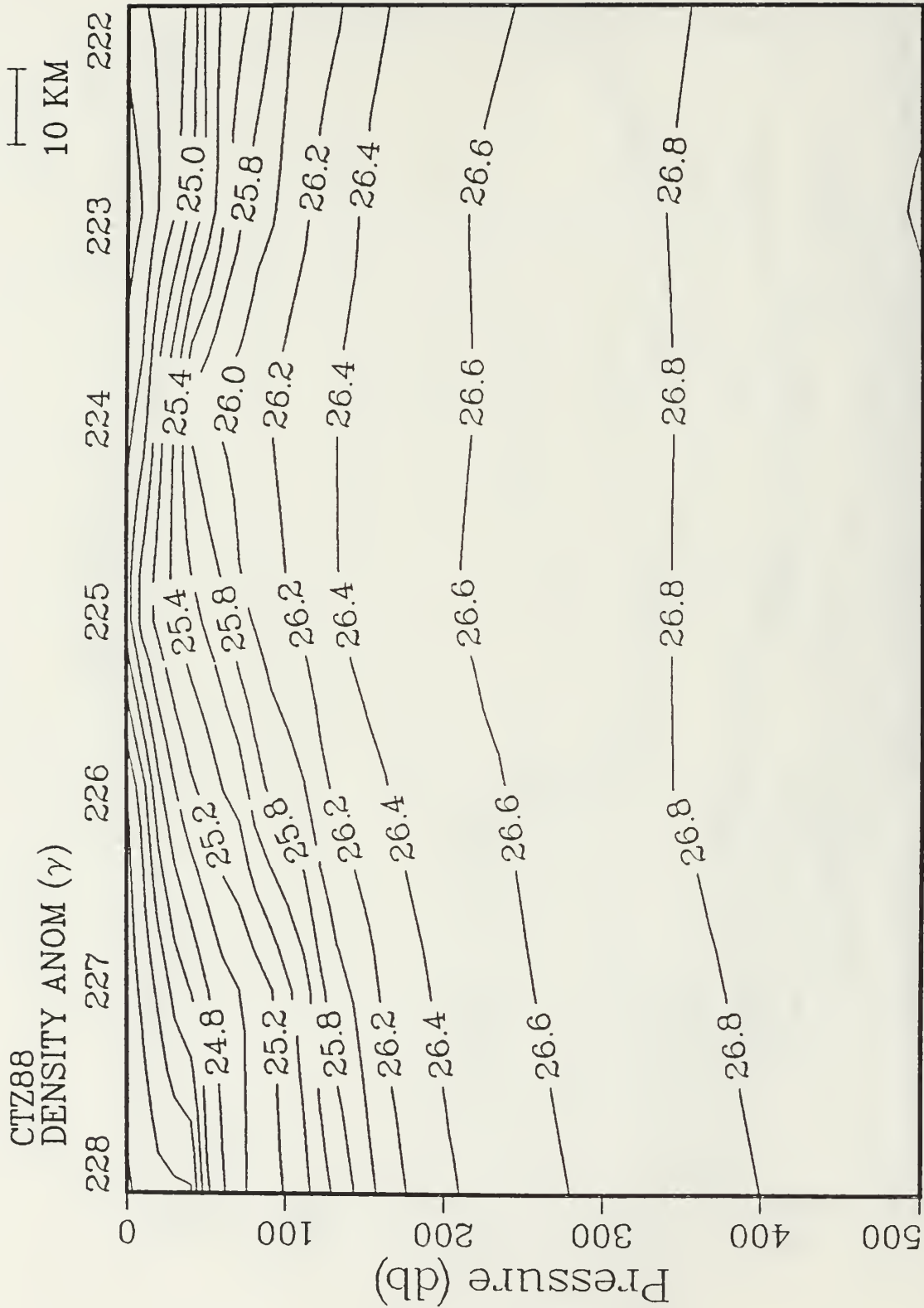


Figure 22c.

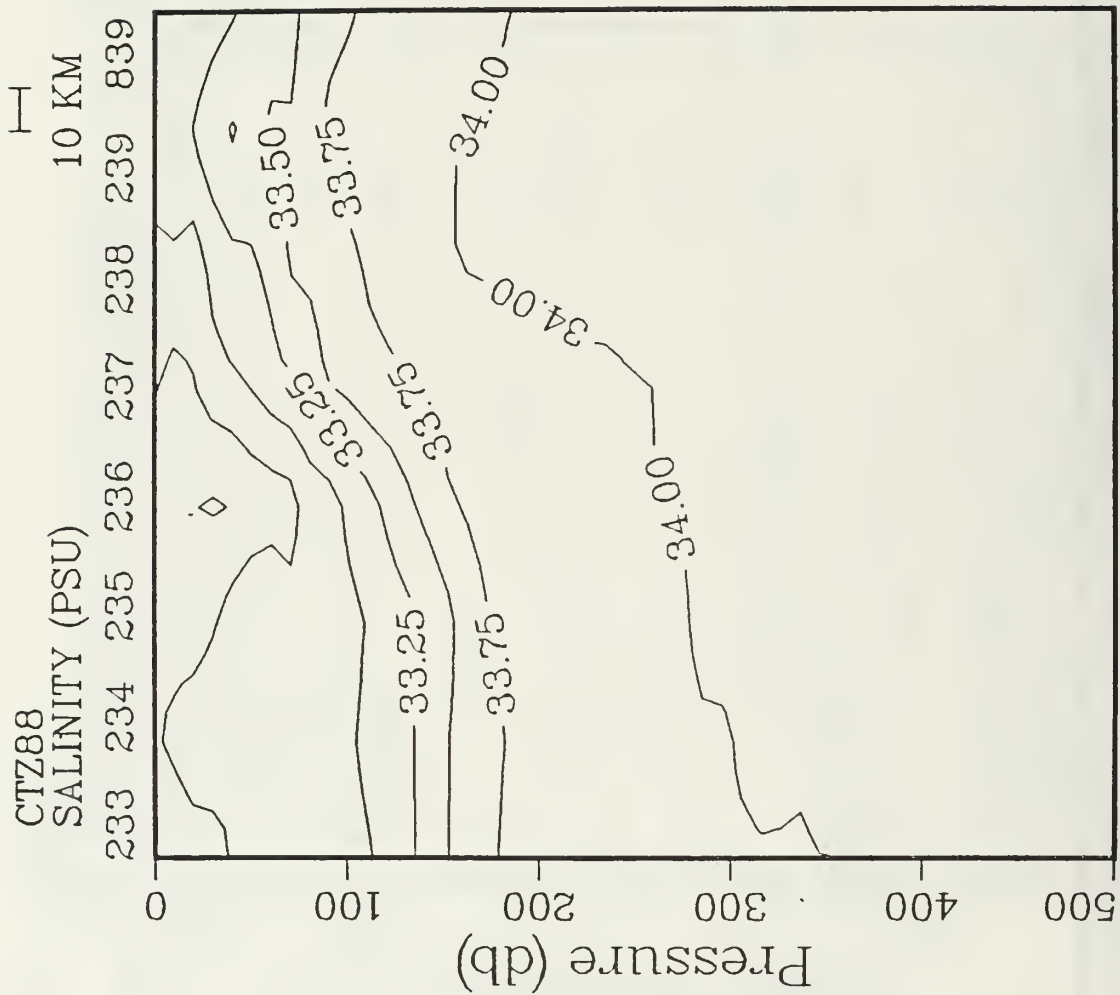


Figure 23b.

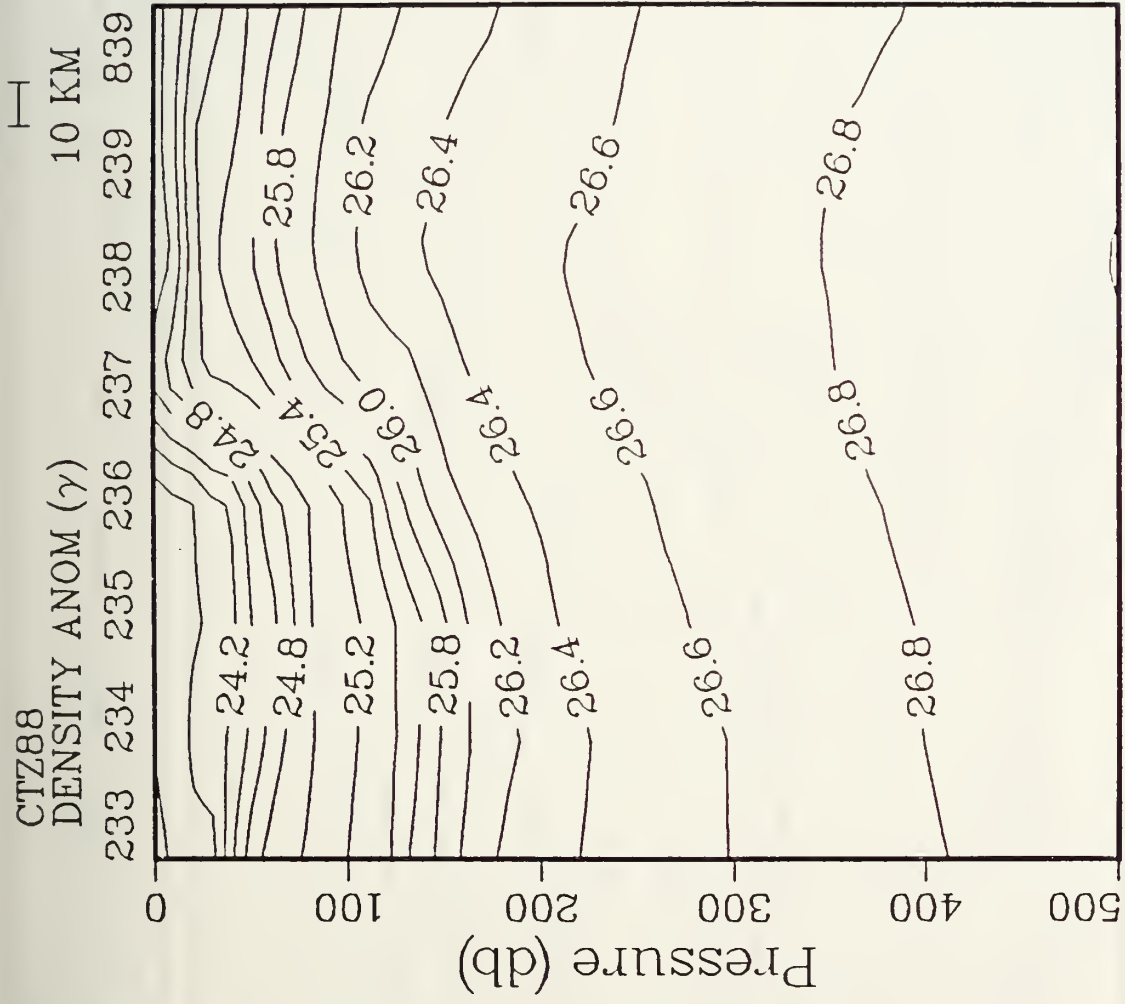


Figure 23c.

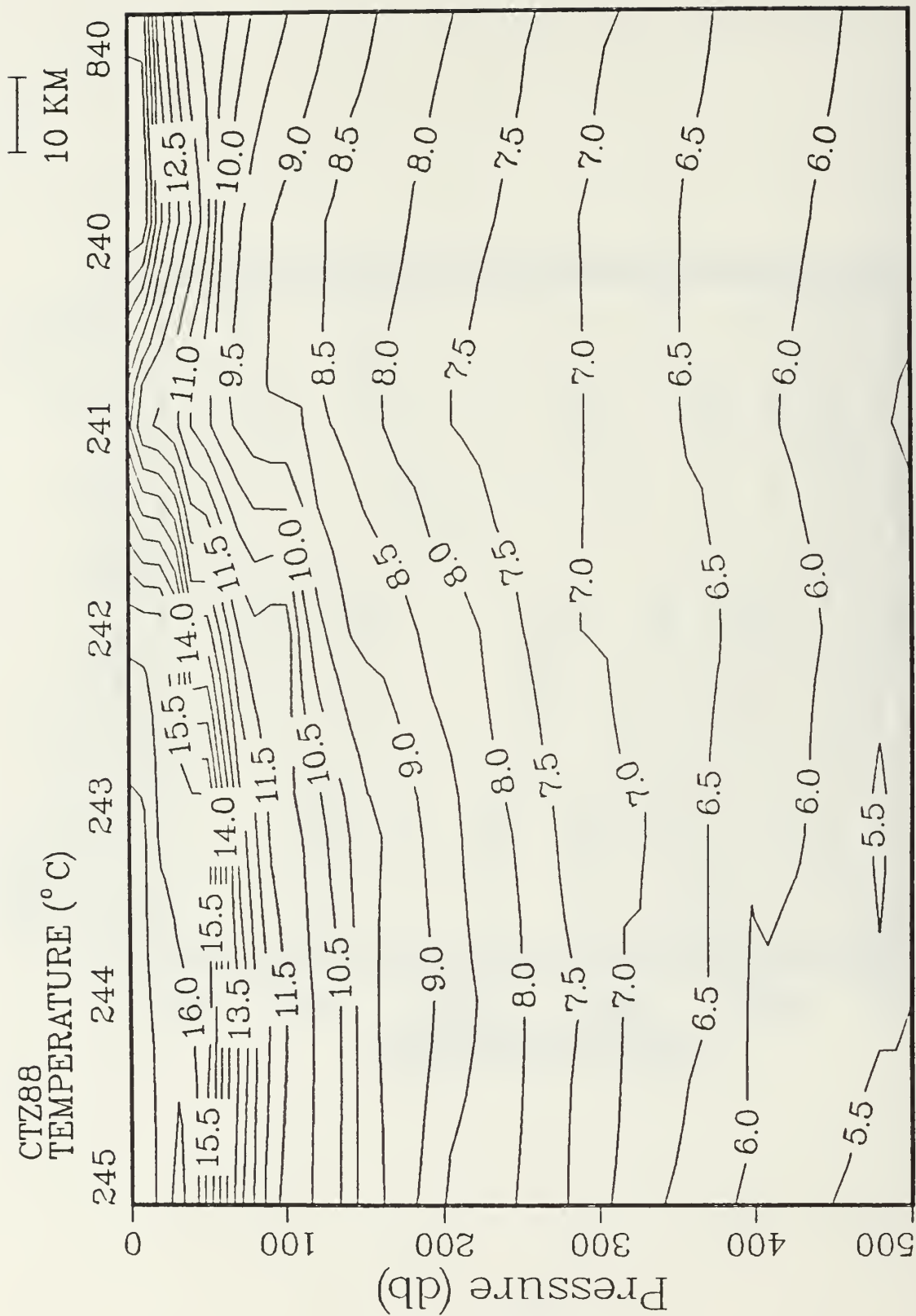


Figure 24. Vertical sections of a) temperature, b) salinity, and
c) density anomaly from CTD stations 840 and 240-245
of part II.

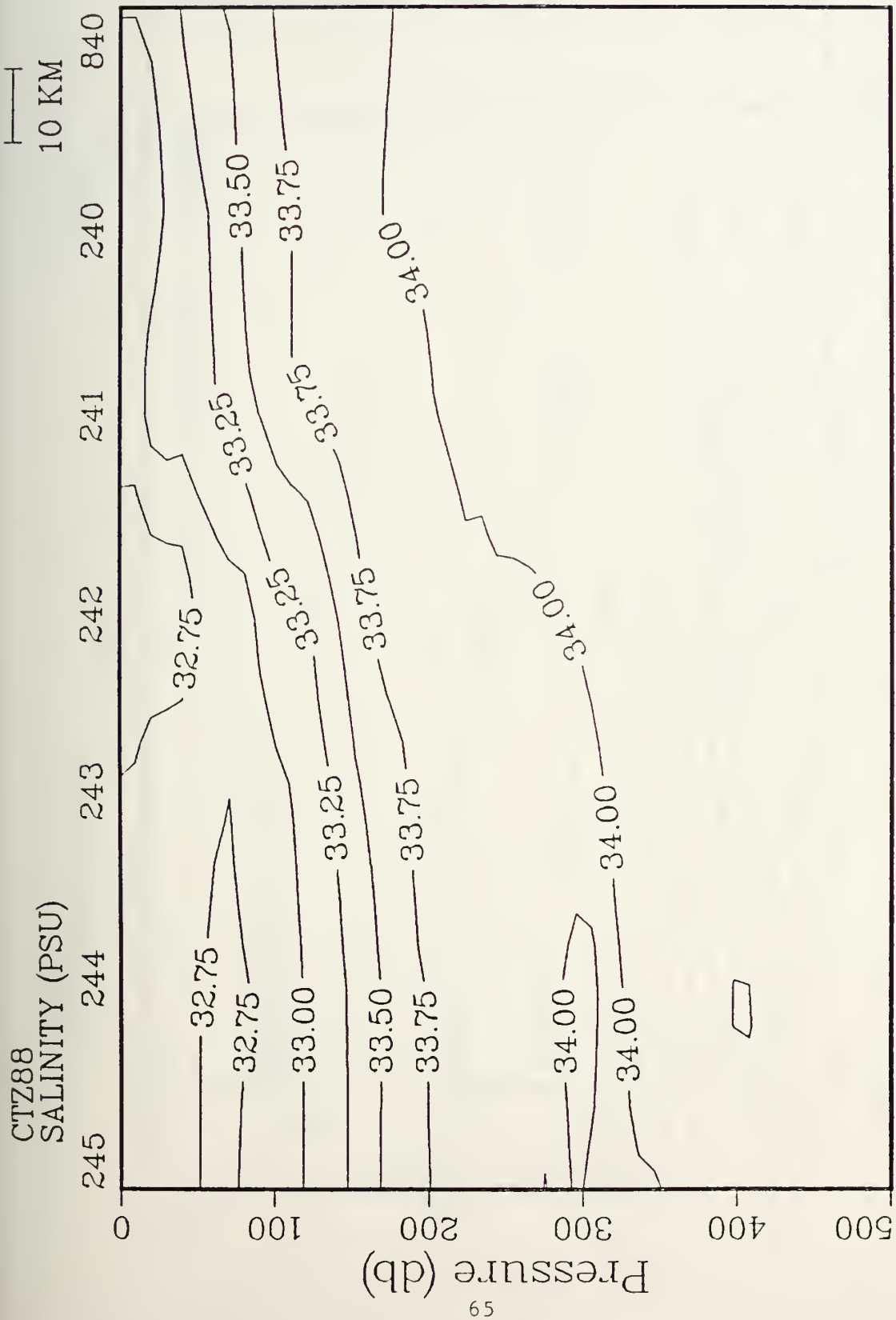


Figure 24b.

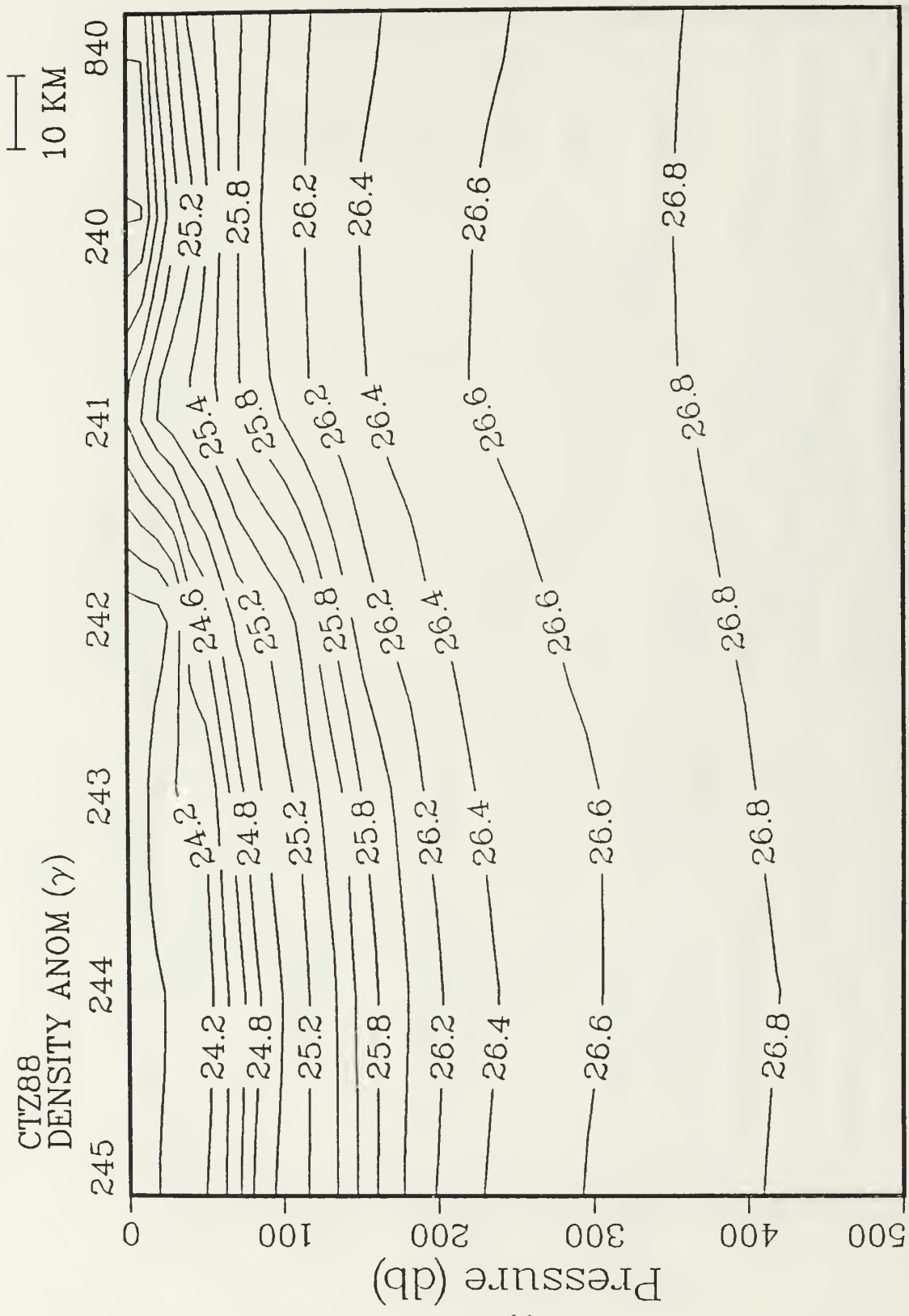


Figure 24c.

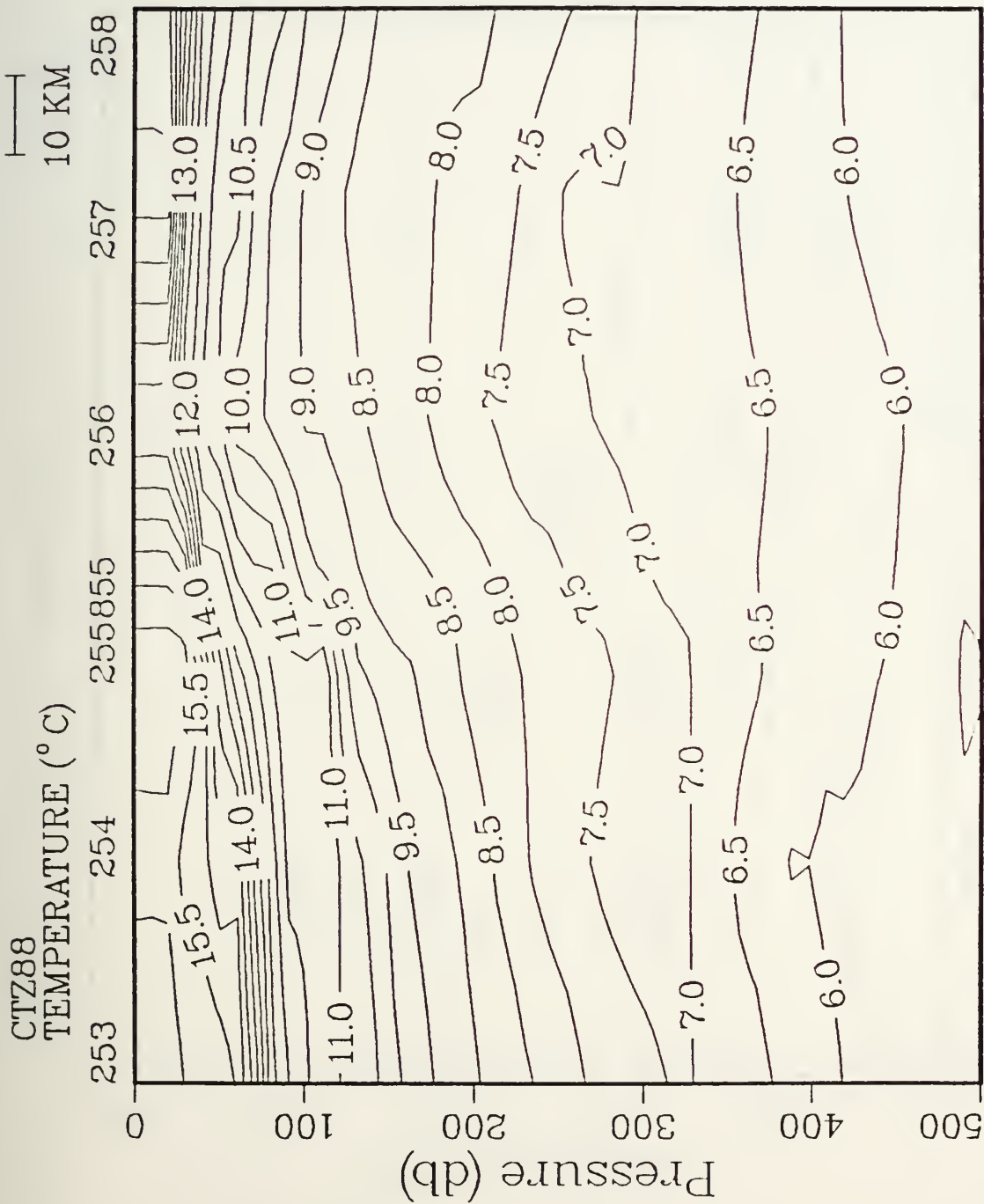


Figure 25. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 253-255, 855, and 256-258 of part II.

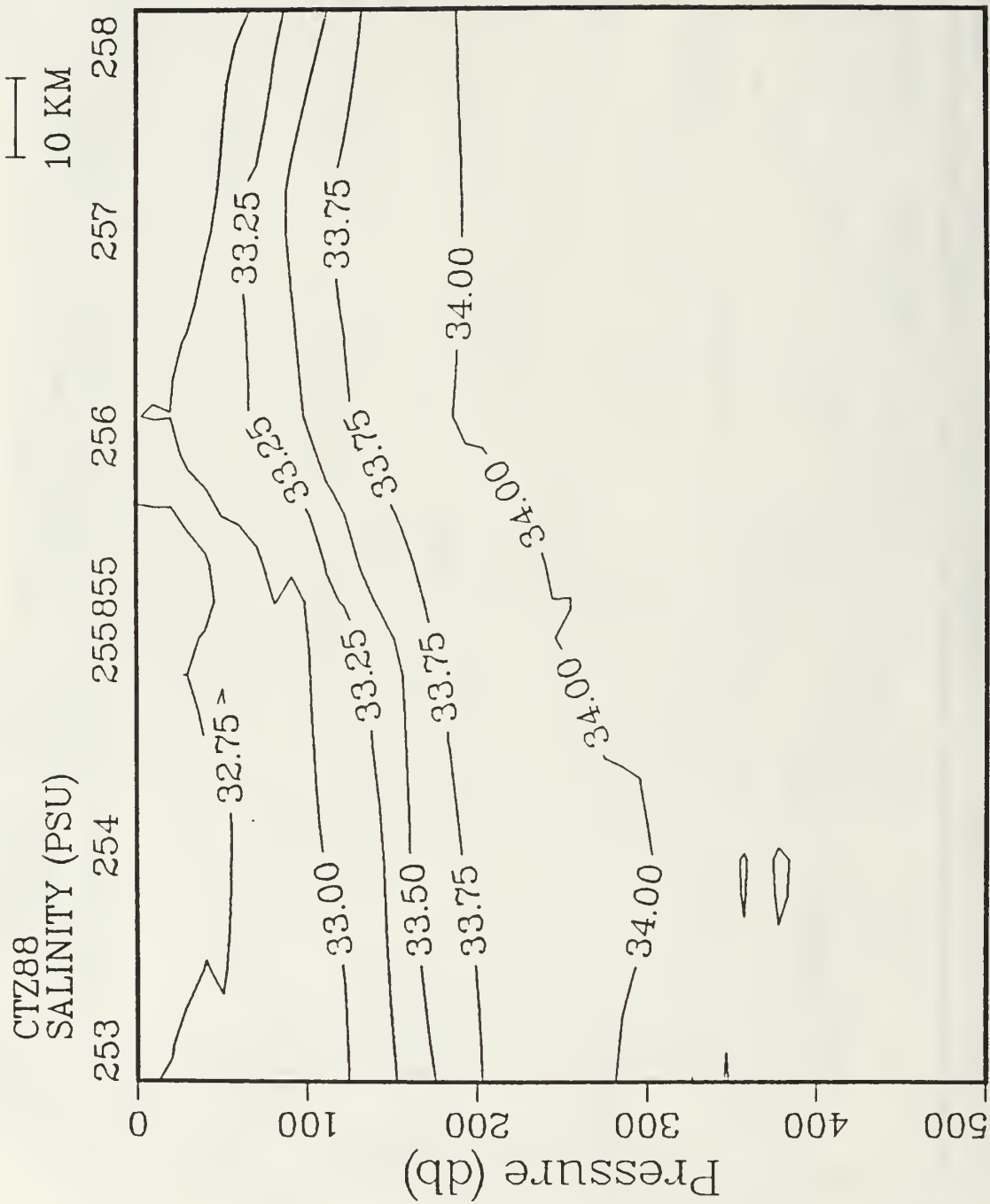


Figure 25b.

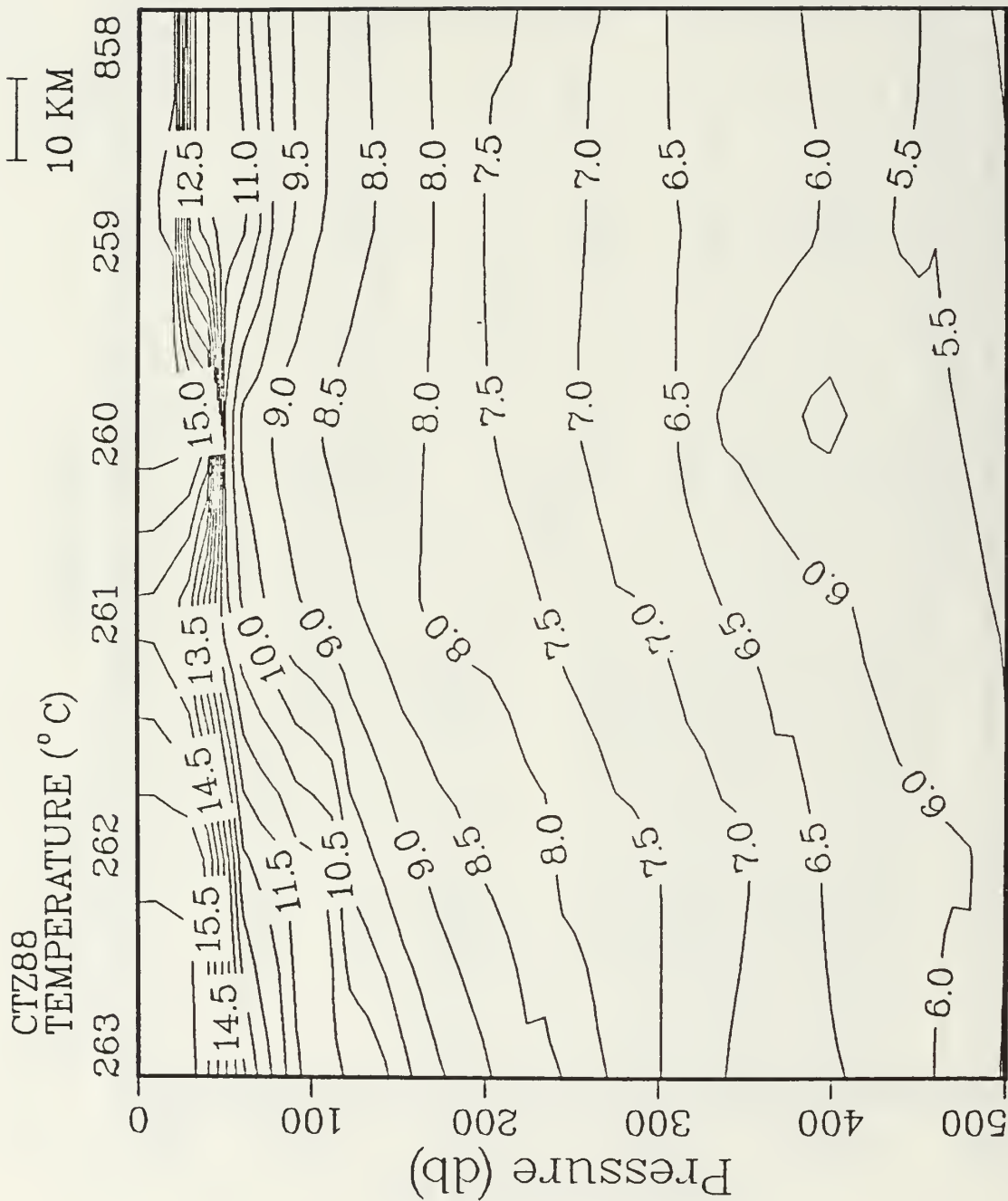


Figure 26. Vertical sections of a) temperature, b) salinity, and c) density anomaly from CTD stations 858, and 259-263 of part I.

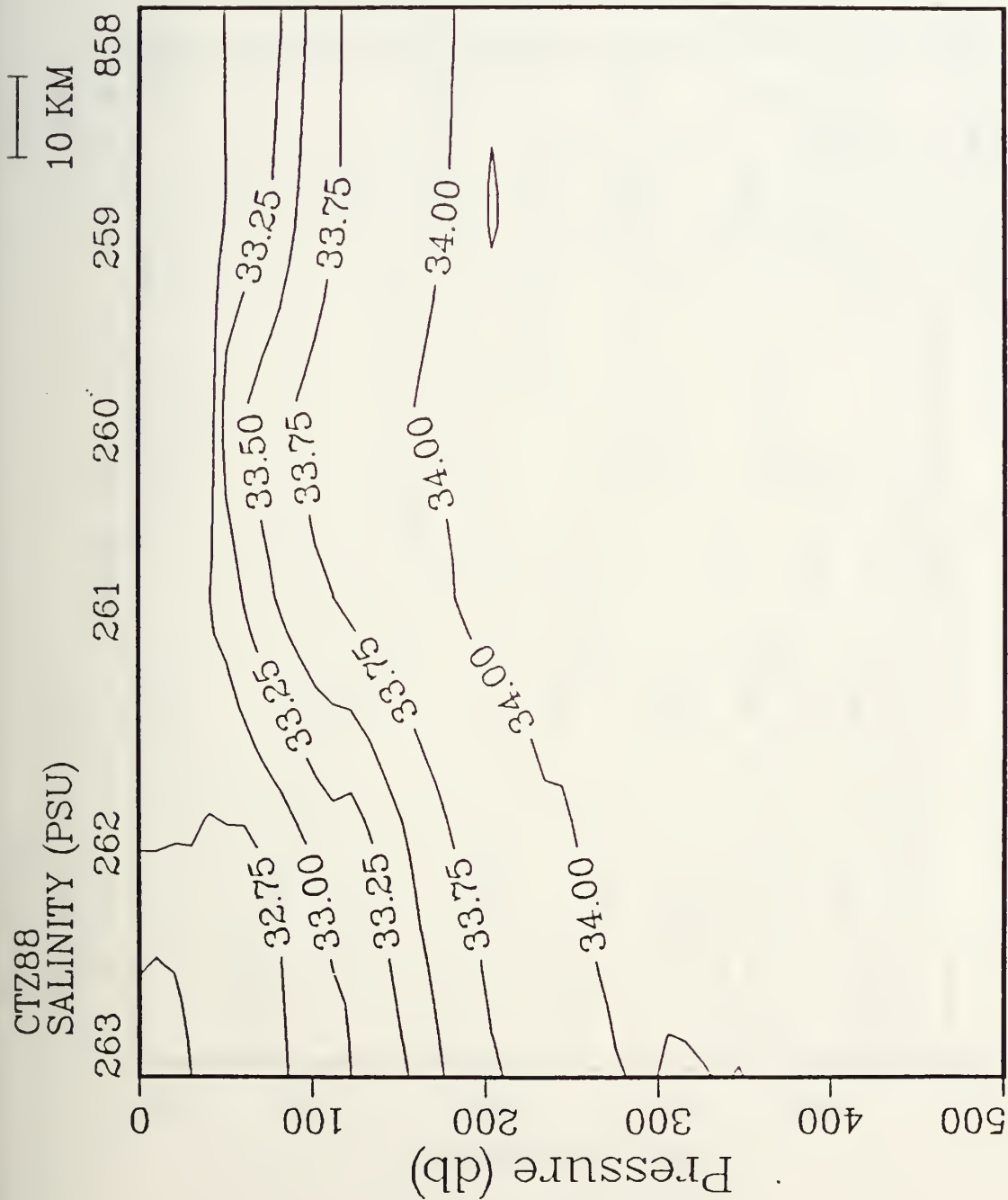


Figure 26b.

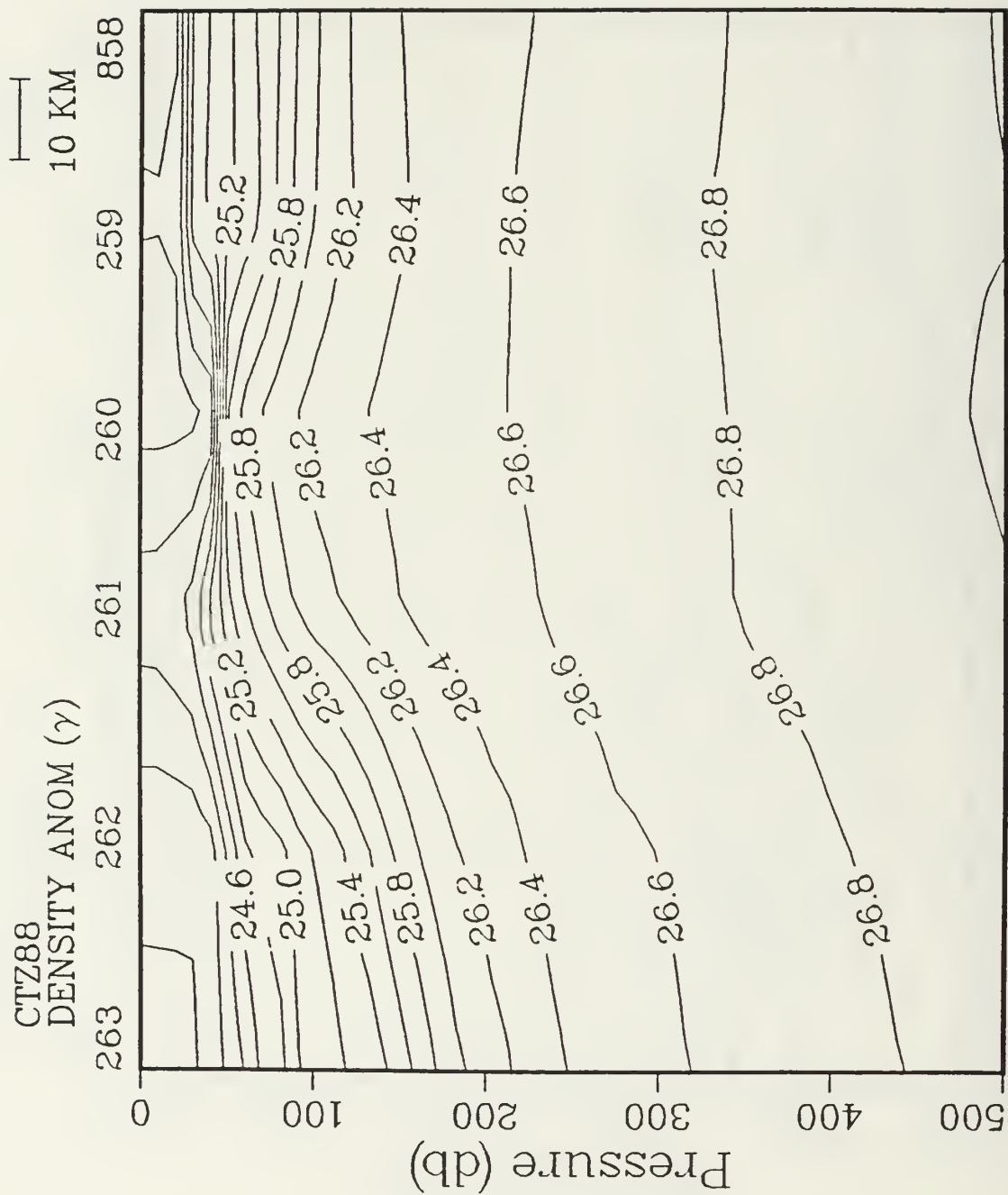


Figure 26c.

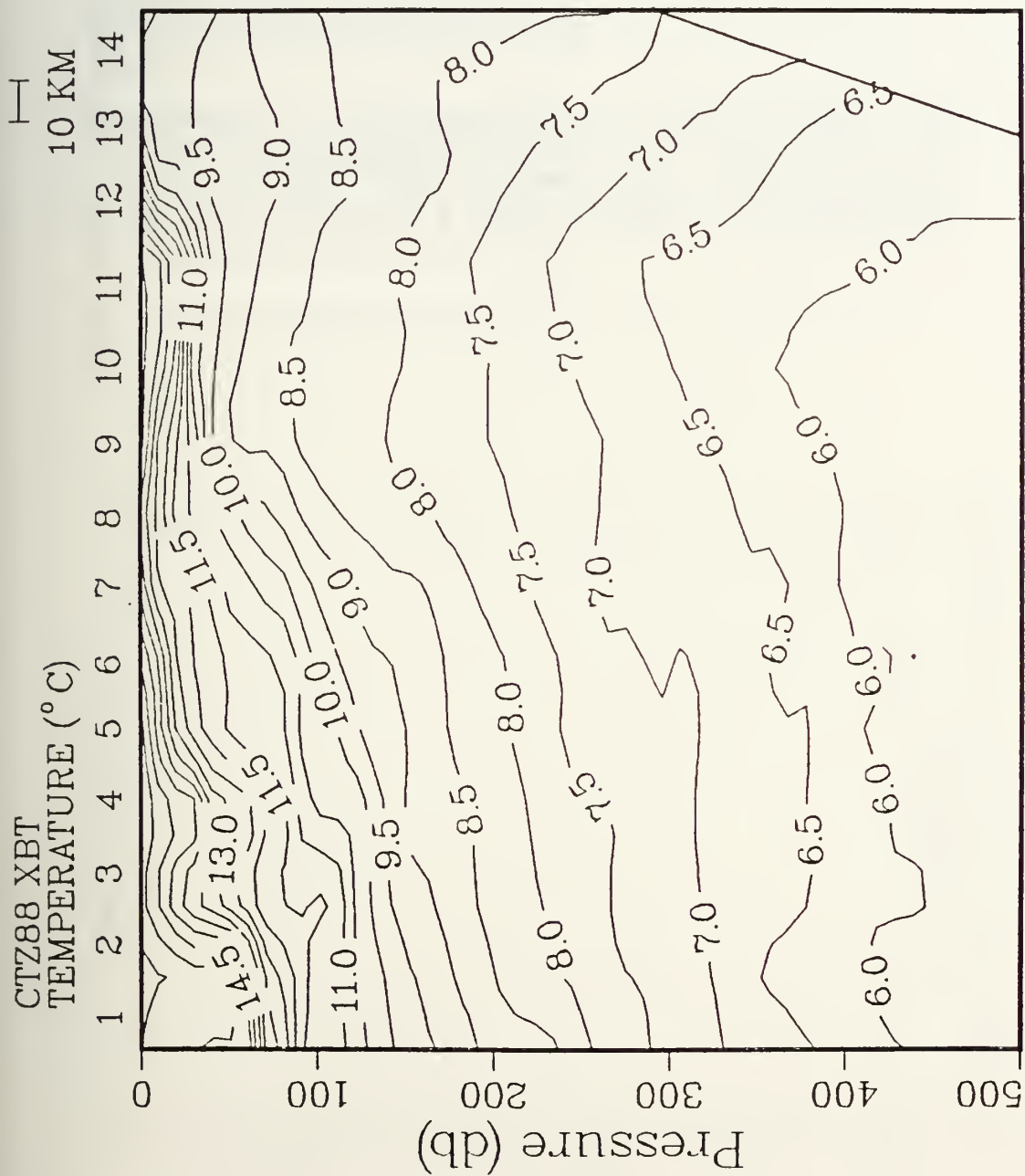
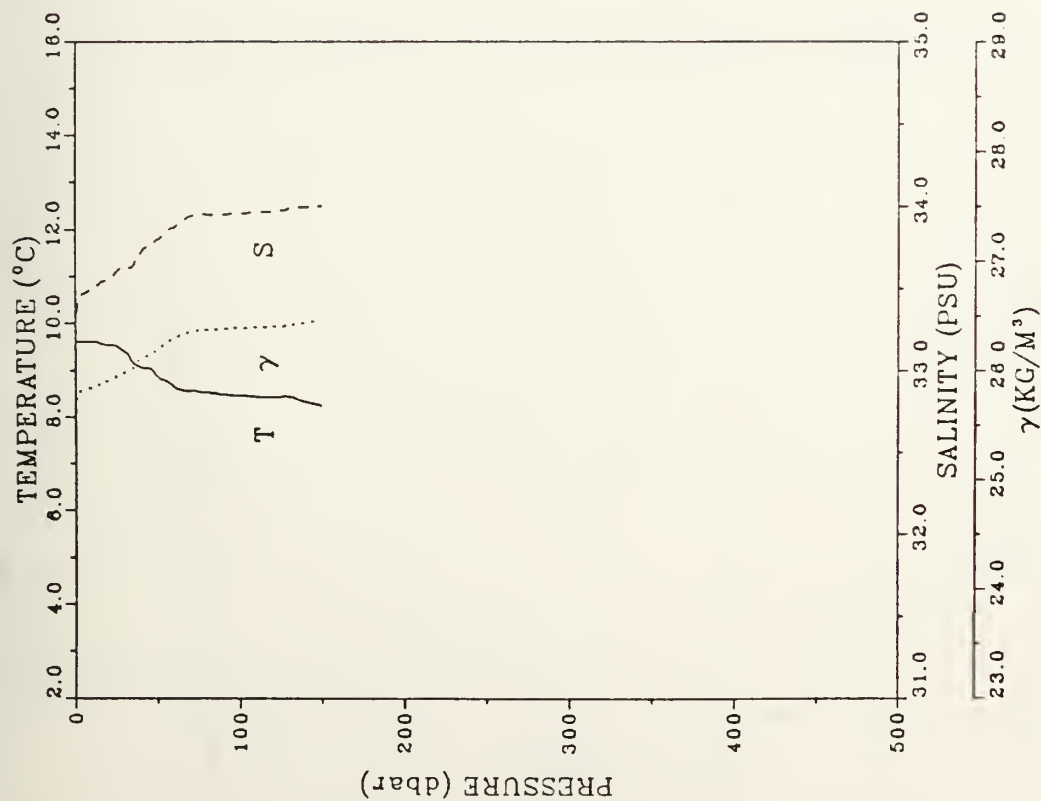


Figure 27. Vertical section of temperature for XBT stations 1 - 14 of cruise CTZ88.

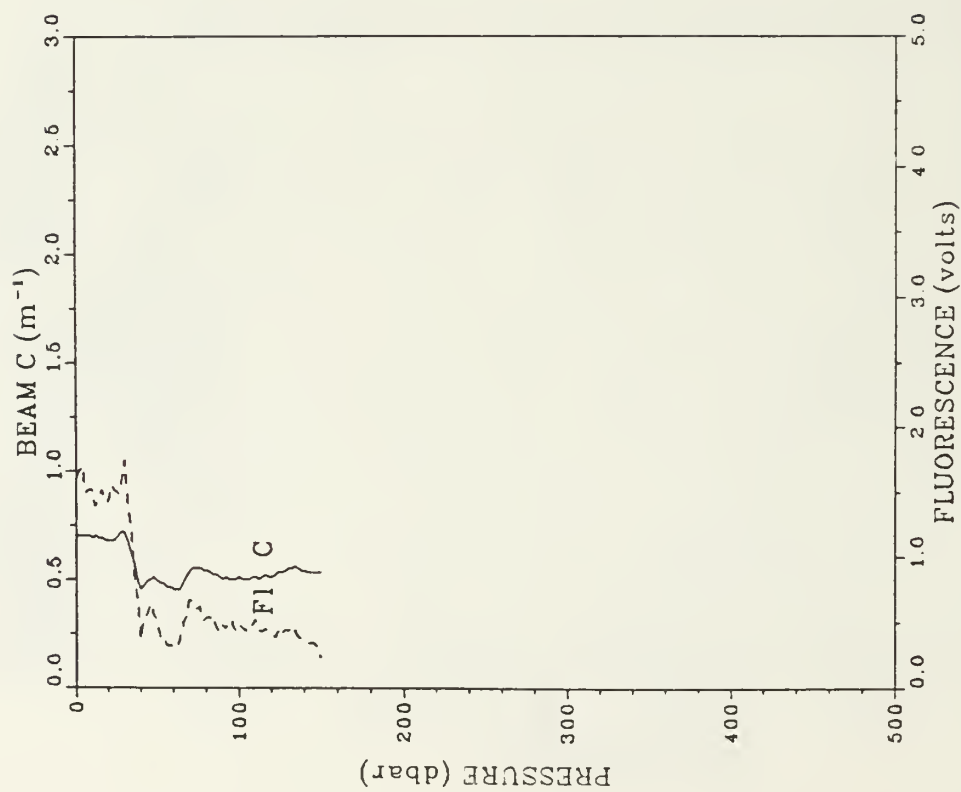
Figure 28. Data listings and vertical profiles of temperature (T), salinity (psu), density anomaly (γ), specific volume anomaly (δ), dynamic height ($\Sigma\Delta D$), transmissivity (beam-c), and fluorometer voltage for all CTD cast of cruise CTZ88.



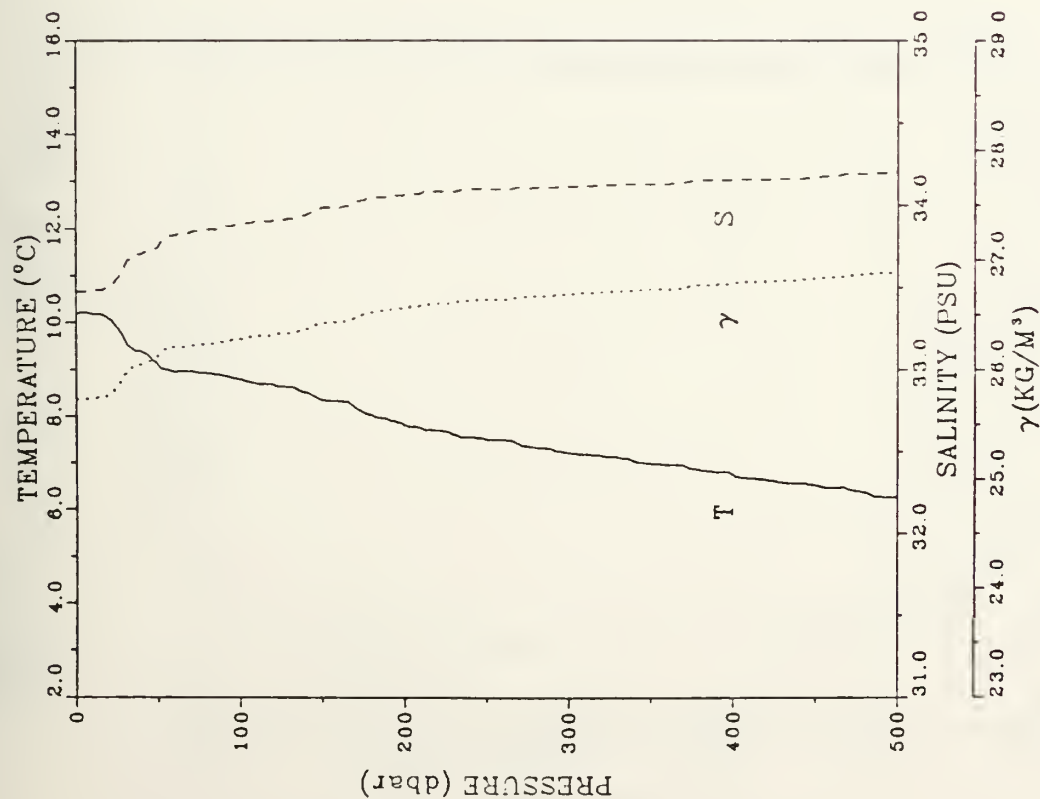
STATION: 101 LAT: 38 11.8 N LON: 123 20.8 W
DATE: 7/6/88 TIME: 1011Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	9.608	33.345	25.725	225.8	0.000
6	9.616	33.474	25.825	218.5	0.011
10	9.614	33.501	25.848	214.5	0.020
18	9.554	33.544	25.890	210.5	0.032
20	9.544	33.558	25.902	209.4	0.041
26	9.490	33.613	25.954	204.8	0.053
30	9.387	33.828	25.981	202.1	0.081
36	9.133	33.843	28.035	197.0	0.073
40	9.058	33.713	28.102	190.8	0.081
48	9.038	33.757	28.139	187.3	0.092
50	8.867	33.799	26.199	181.7	0.100
60	8.649	33.873	26.291	173.1	0.118
70	8.569	33.940	26.358	187.1	0.135
80	8.527	33.949	26.369	188.0	0.151
90	8.478	33.949	26.377	185.4	0.168
100	8.455	33.955	26.385	184.9	0.184
128	8.438	33.974	26.403	183.6	0.227
150	8.238	34.001	28.454	159.1	0.266

PRESS	TRANS	FLUOR
1	0.70	1.616
6	0.70	1.500
10	0.69	1.516
16	0.69	1.519
20	0.68	1.424
28	0.70	1.484
30	0.71	1.741
36	0.57	0.845
40	0.45	0.366
48	0.50	0.642
50	0.49	0.519
60	0.45	0.296
70	0.53	0.672
80	0.54	0.539
90	0.50	0.482
100	0.51	0.486
128	0.53	0.395
150	0.53	0.238



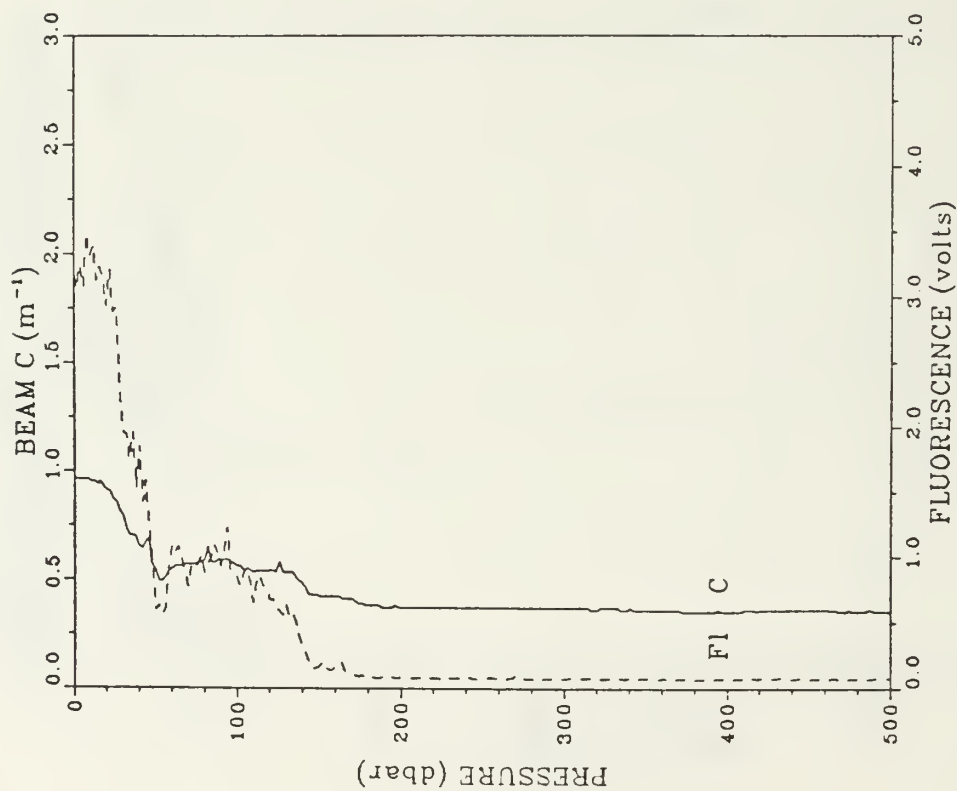
STATION: 101 LAT: 38 11.8 N LON: 123 20.8 W
 DATE: 7/6/88 TIME: 1011Z



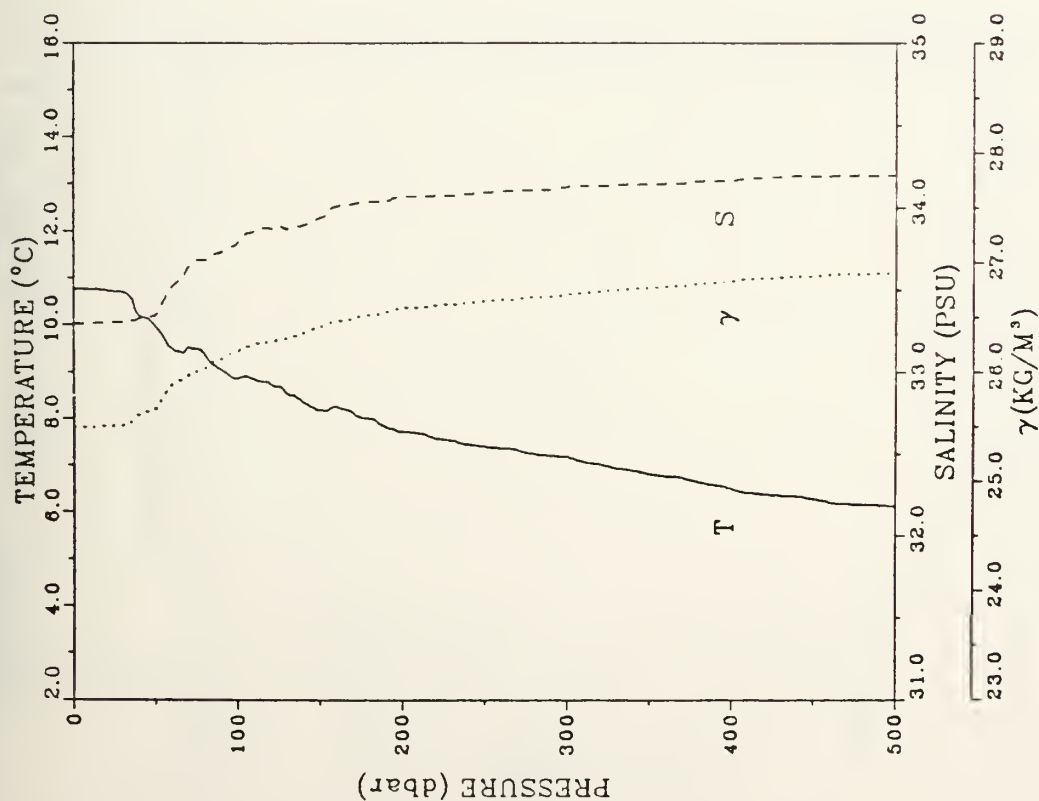
STATION: 102 LAT: 38 9.9 N LON: 123 32.2 W
DATE: 7/6/88 TIME: 1200Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	10.200	33.473	25.726	225.7	0.000
6	10.204	33.475	25.727	225.7	0.011
10	10.180	33.480	25.735	225.0	0.020
16	10.164	33.484	25.741	224.6	0.034
20	10.073	33.503	25.771	221.8	0.043
26	9.842	33.562	25.856	213.9	0.056
30	9.604	33.636	25.953	204.7	0.064
36	9.388	33.699	26.038	196.8	0.076
40	9.370	33.704	26.045	196.2	0.084
46	9.234	33.727	26.084	192.5	0.096
50	9.092	33.745	26.121	189.1	0.103
60	8.948	33.818	26.201	181.7	0.122
70	8.952	33.835	26.214	180.7	0.140
80	8.912	33.849	26.231	179.2	0.158
90	8.864	33.863	26.250	177.6	0.176
100	8.781	33.879	26.275	175.4	0.193
126	8.624	33.912	26.325	171.0	0.239
150	8.333	33.982	26.425	161.9	0.278
176	8.058	34.034	26.507	154.5	0.320
200	7.807	34.060	26.564	149.4	0.356
226	7.671	34.084	26.603	146.1	0.394
250	7.508	34.097	26.637	143.2	0.429
276	7.349	34.103	26.664	140.9	0.466
300	7.219	34.113	26.690	138.8	0.500
328	7.136	34.122	26.709	137.3	0.536
350	6.991	34.126	26.732	135.4	0.568
376	6.875	34.146	26.763	132.7	0.603
400	6.767	34.148	26.780	131.4	0.635
428	6.604	34.158	26.809	128.9	0.669
450	6.523	34.169	26.829	127.3	0.699
476	6.395	34.190	26.862	124.4	0.732
500	6.276	34.198	26.884	122.5	0.762

PRESS	TRANS	FLUOR
1	0.98	3.159
6	0.98	3.080
10	0.95	3.309
16	0.95	3.233
20	0.91	2.932
26	0.85	2.920
30	0.79	1.957
36	0.70	1.963
40	0.65	1.853
46	0.69	1.241
50	0.54	0.600
60	0.55	1.098
70	0.57	0.778
80	0.59	0.881
90	0.59	0.932
100	0.56	0.859
126	0.58	0.584
150	0.42	0.159
178	0.39	0.099
200	0.37	0.081
226	0.37	0.074
250	0.37	0.075
276	0.37	0.073
300	0.37	0.074
326	0.37	0.074
350	0.38	0.078
376	0.35	0.069
400	0.35	0.070
426	0.38	0.077
450	0.36	0.072
476	0.35	0.070
500	0.35	0.074



STATION: 102 LAT: 38 9.9 N LON: 123 32.2 W
 DATE: 7/6/88 TIME: 1200Z



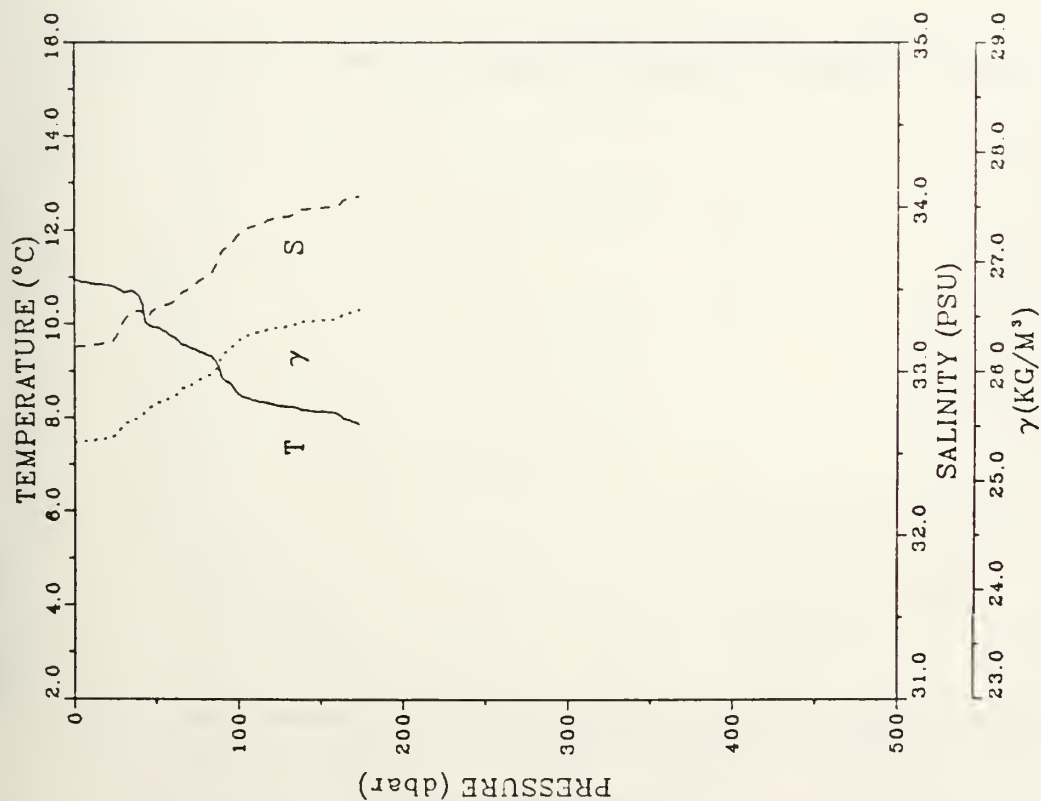
STATION: 103 LAT: 38 21.6 N LON: 123 36.9 W
DATE: 7/6/88 TIME: 1430Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	10.765	33.294	25.489	248.2	0.000
6	10.764	33.294	25.489	248.3	0.015
10	10.762	33.294	25.490	248.4	0.025
16	10.747	33.297	25.495	248.0	0.040
20	10.730	33.300	25.500	247.6	0.050
26	10.706	33.303	25.507	247.1	0.064
30	10.696	33.303	25.508	247.0	0.074
36	10.530	33.312	25.544	243.7	0.089
40	10.195	33.325	25.612	237.4	0.099
46	10.121	33.336	25.633	235.5	0.113
50	9.981	33.337	25.657	233.2	0.122
60	9.491	33.513	25.876	212.6	0.145
70	9.522	33.636	25.987	204.2	0.165
80	9.378	33.682	26.026	198.7	0.186
90	9.051	33.730	26.116	190.3	0.205
100	8.854	33.776	26.183	184.1	0.224
126	8.682	33.891	26.300	173.4	0.270
150	8.190	33.941	26.414	162.9	0.311
176	8.023	34.032	26.511	154.2	0.352
200	7.721	34.065	26.581	147.8	0.398
226	7.549	34.073	26.612	145.2	0.426
250	7.395	34.090	26.647	142.1	0.461
276	7.263	34.105	26.678	139.6	0.487
300	7.185	34.124	26.703	137.5	0.530
326	6.976	34.134	26.740	134.3	0.566
350	6.808	34.141	26.769	131.8	0.598
376	6.670	34.155	26.798	129.3	0.632
400	6.502	34.161	26.825	126.9	0.662
426	6.367	34.183	26.860	123.8	0.695
450	6.278	34.188	26.876	122.6	0.725
476	6.164	34.195	26.896	120.9	0.756
500	6.122	34.197	26.903	120.6	0.785
501	6.119	34.198	26.904	120.5	0.786



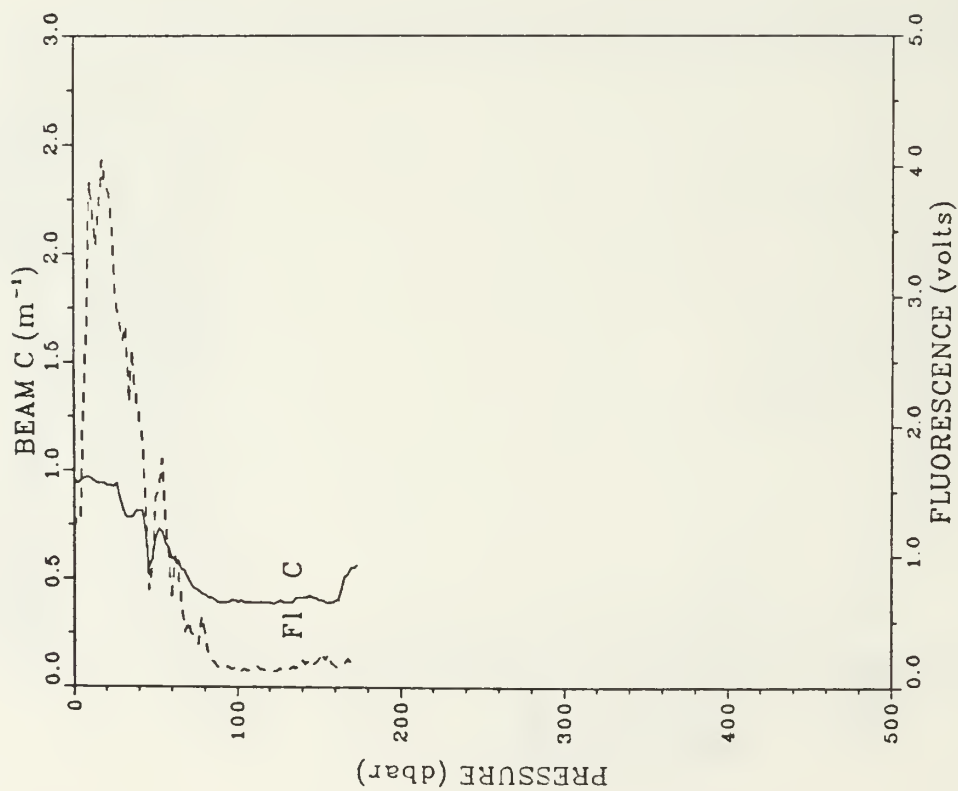
PRESS	TRANS	FLUOR
0	1.16	4.595
6	1.14	4.375
10	1.13	4.811
18	1.12	4.720
20	1.10	4.392
26	1.07	3.966
30	1.07	4.059
38	0.97	2.941
40	0.71	1.534
46	0.68	1.487
50	0.64	1.134
60	0.47	0.308
70	0.49	0.516
80	0.68	1.276
90	0.58	0.708
100	0.46	0.324
126	0.47	0.246
150	0.38	0.088
176	0.37	0.083
200	0.37	0.105
226	0.38	0.122
250	0.37	0.074
276	0.36	0.078
300	0.36	0.075
326	0.36	0.074
350	0.36	0.077
376	0.36	0.069
400	0.35	0.071
426	0.36	0.072
450	0.36	0.071
476	0.36	0.070
500	0.36	0.069
501	0.36	0.070

STATION: 103 LAT: 38 21.6 N LON: 123 36.9 W
 DATE: 7/6/88 TIME: 1430Z



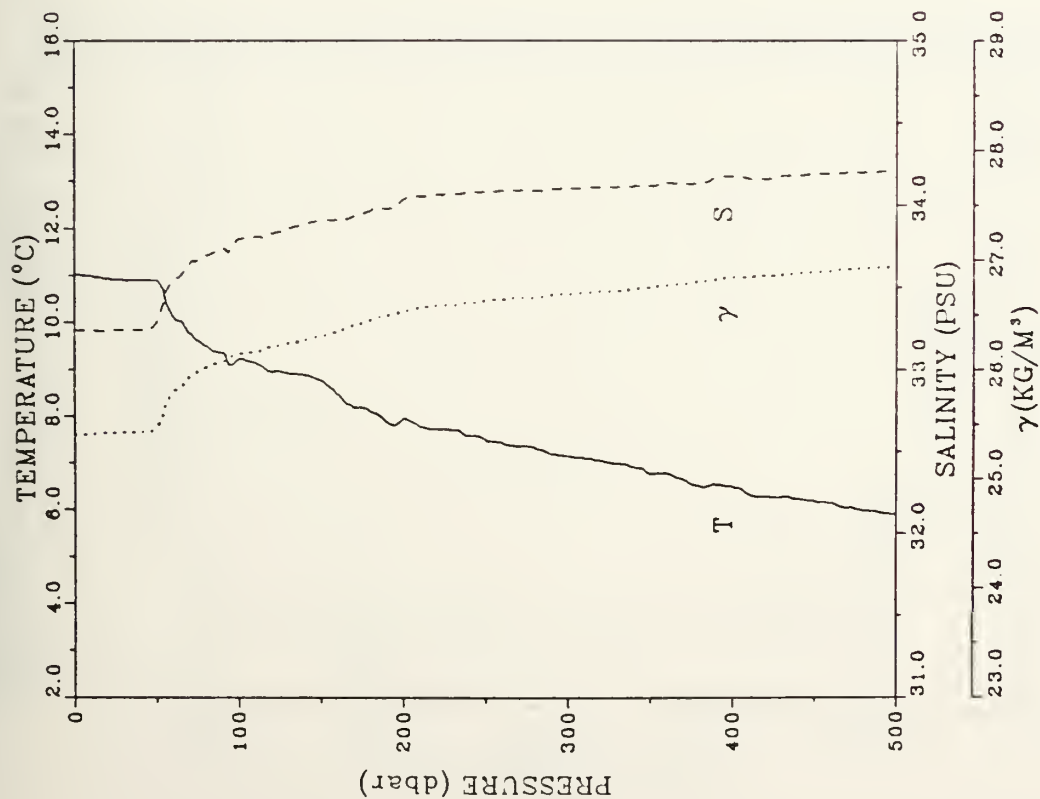
STATION: 104 LAT: 38 33.9 N LON: 123 39.7 W
 DATE: 7/6/88 TIME: 1700Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	10.939	33.145	25.343	262.2	0.000
6	10.903	33.152	25.354	261.2	0.013
10	10.867	33.153	25.361	260.6	0.024
16	10.840	33.163	25.374	259.5	0.039
20	10.825	33.167	25.380	259.1	0.049
26	10.765	33.212	25.425	254.8	0.065
30	10.681	33.298	25.507	247.2	0.075
36	10.695	33.347	25.543	243.9	0.090
40	10.585	33.366	25.577	240.7	0.099
46	9.962	33.337	25.660	232.9	0.114
50	9.941	33.382	25.699	229.3	0.123
60	9.736	33.421	25.763	223.3	0.145
70	9.503	33.505	25.867	213.6	0.167
80	9.357	33.575	25.946	206.3	0.188
90	8.856	33.727	26.144	187.6	0.208
100	8.495	33.829	26.280	174.8	0.226
128	8.247	33.935	26.401	163.8	0.270
150	8.136	33.995	26.465	158.1	0.309
173	7.858	34.064	26.560	149.4	0.344



PRESS	TRANS	FLUOR
1	0.95	1.214
6	0.98	2.199
10	0.98	3.881
18	0.94	3.881
20	0.93	3.843
26	0.94	2.924
30	0.82	2.857
38	0.78	2.598
40	0.81	2.097
46	0.55	0.737
50	0.67	1.446
80	0.59	0.855
70	0.50	0.500
80	0.42	0.420
90	0.39	0.148
100	0.39	0.150
126	0.40	0.142
150	0.40	0.205
173	0.58	0.169

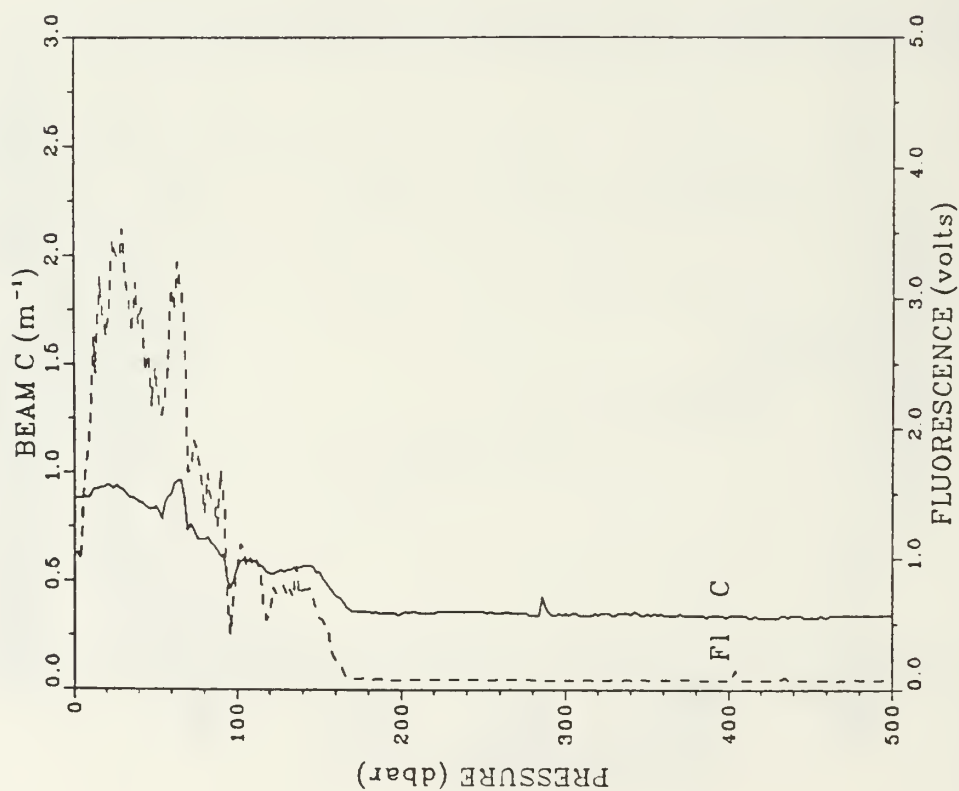
STATION: 104 LAT: 38 33.9 N LON: 123 39.7 W
 DATE: 7/6/88 TIME: 1700Z



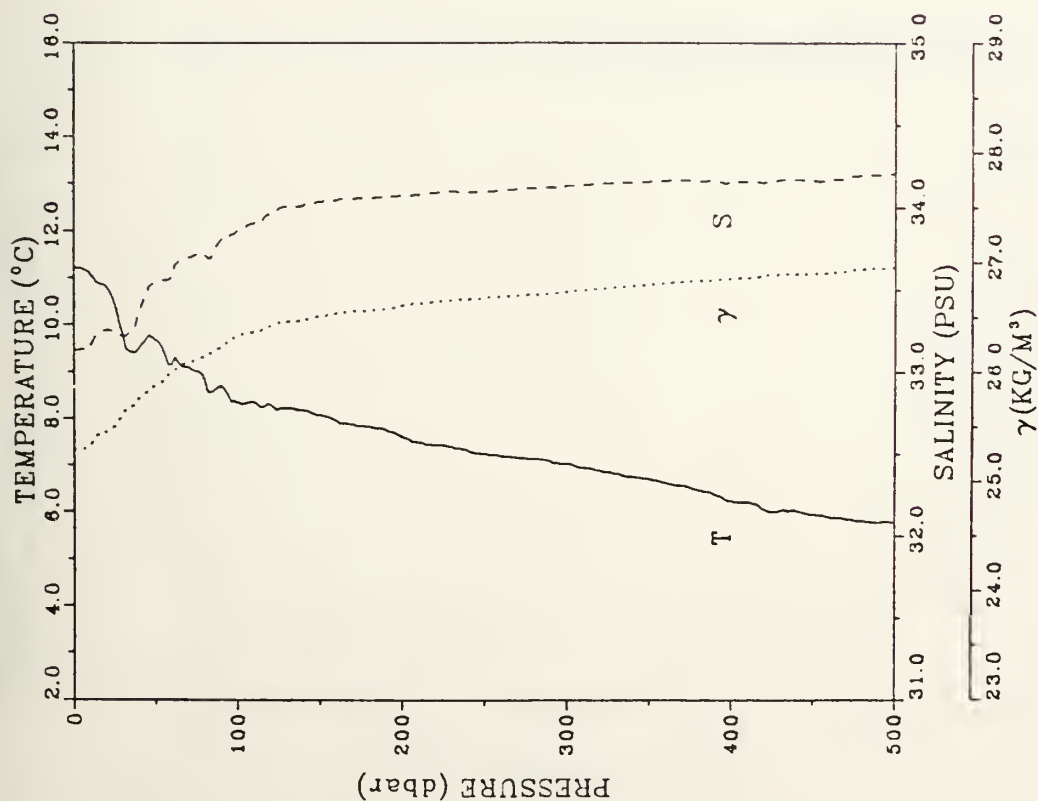
STATION: 105 LAT: 38 33.1 N LON: 123 45.6 W
 DATE: 7/6/88 TIME: 1806Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	11.011	33.236	25.401	256.7	0.000
8	11.003	33.238	25.402	256.7	0.015
10	10.978	33.235	25.408	256.4	0.026
16	10.941	33.235	25.412	255.9	0.041
20	10.926	33.234	25.414	255.8	0.051
26	10.915	33.236	25.418	255.6	0.067
30	10.902	33.238	25.421	255.3	0.077
36	10.891	33.238	25.423	255.2	0.092
40	10.891	33.239	25.424	255.2	0.102
46	10.896	33.248	25.430	254.8	0.118
50	10.890	33.280	25.456	252.4	0.128
60	10.149	33.533	25.782	221.6	0.151
70	9.760	33.635	25.927	208.0	0.173
80	9.488	33.692	26.016	199.7	0.193
90	9.358	33.734	26.070	194.7	0.213
100	9.211	33.793	26.140	188.3	0.232
126	8.945	33.837	26.217	181.4	0.280
150	8.748	33.898	26.295	174.3	0.323
178	8.176	33.950	26.423	162.5	0.367
200	7.941	34.034	26.524	153.2	0.405
226	7.716	34.068	26.582	148.1	0.444
250	7.503	34.081	26.625	144.3	0.479
276	7.364	34.089	26.851	142.2	0.516
300	7.154	34.100	26.689	138.8	0.550
326	7.002	34.107	26.715	136.8	0.586
350	6.788	34.115	26.751	133.5	0.618
378	6.540	34.128	26.793	129.7	0.652
400	6.483	34.176	26.839	125.5	0.683
426	6.258	34.164	26.859	123.8	0.715
450	6.185	34.190	26.889	121.3	0.745
476	6.008	34.196	26.917	118.8	0.776
500	5.914	34.209	26.939	117.0	0.804

PRESS	TRANS	FLUOR
0	0.88	1.045
8	0.89	1.524
10	0.89	2.034
18	0.93	3.185
20	0.94	2.713
28	0.94	3.337
30	0.92	3.535
38	0.88	2.738
40	0.88	2.803
48	0.83	2.576
50	0.84	2.467
60	0.90	3.086
70	0.73	1.888
80	0.89	1.348
90	0.61	1.878
100	0.55	0.894
128	0.55	0.770
150	0.54	0.545
178	0.38	0.090
200	0.35	0.078
228	0.36	0.078
250	0.36	0.072
278	0.35	0.078
300	0.35	0.071
328	0.35	0.075
350	0.35	0.072
378	0.34	0.074
400	0.34	0.068
428	0.33	0.074
450	0.33	0.070
478	0.34	0.074
500	0.34	0.073

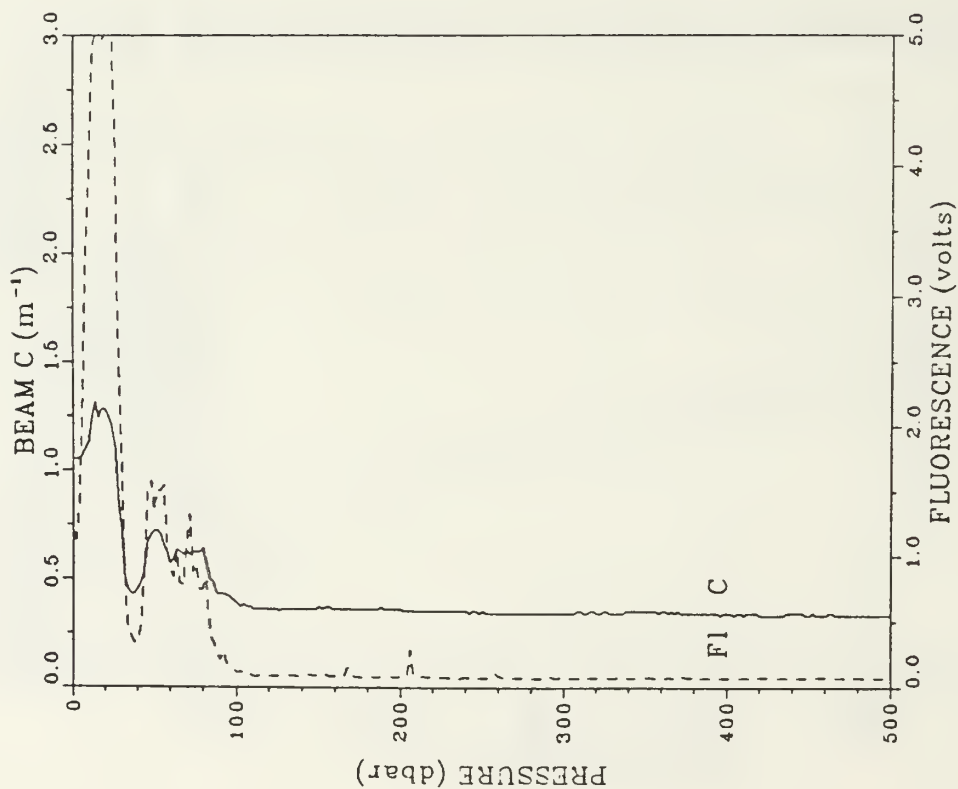


STATION: 105 LAT: 38 33.1 N LON: 123 45.6 W
 DATE: 7/6/88 TIME: 1806Z



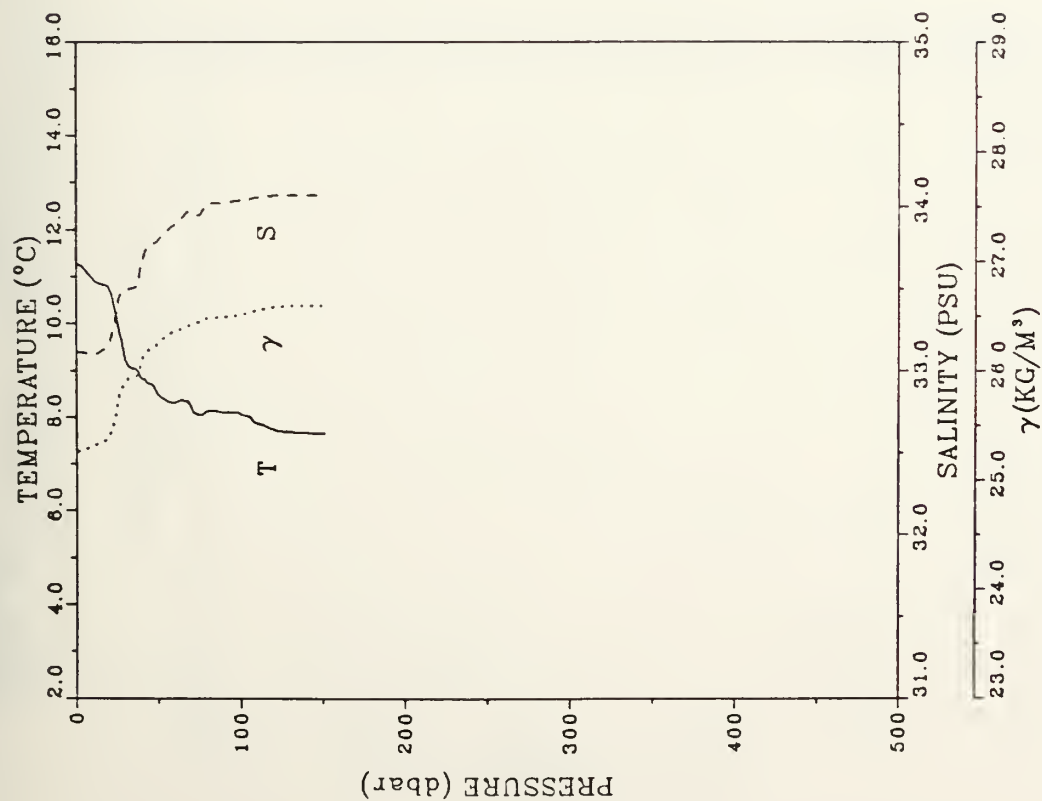
STATION: 106 LAT: 38 44.1 N LON: 123 52.8 W
 DATE: 7/6/88 TIME: 2023Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	11.212	33.131	25.283	287.8	0.000
8	11.175	33.133	25.291	287.2	0.018
10	11.082	33.151	25.322	284.4	0.027
18	10.880	33.243	25.433	253.9	0.042
20	10.815	33.252	25.448	252.8	0.052
28	10.316	33.224	25.512	248.5	0.067
30	9.783	33.214	25.594	238.8	0.077
36	9.408	33.248	25.682	230.8	0.091
40	9.488	33.380	25.758	223.6	0.100
48	9.758	33.519	25.837	218.1	0.113
50	9.665	33.544	25.871	212.9	0.122
60	9.148	33.575	25.979	202.8	0.143
70	9.095	33.694	26.081	193.3	0.163
80	8.820	33.713	26.139	187.9	0.182
90	8.697	33.801	26.227	179.7	0.200
100	8.342	33.855	26.324	170.6	0.218
128	8.213	33.998	26.455	158.8	0.280
150	8.088	34.033	26.505	154.3	0.298
176	7.840	34.058	26.558	149.8	0.337
200	7.622	34.073	26.601	145.8	0.373
228	7.415	34.093	26.647	141.8	0.410
250	7.238	34.093	26.672	139.7	0.444
276	7.145	34.114	26.701	137.3	0.480
300	7.030	34.128	26.728	135.1	0.513
328	6.880	34.143	26.783	132.0	0.547
350	6.709	34.155	26.793	129.4	0.579
378	6.512	34.184	26.826	126.5	0.612
400	6.253	34.151	26.850	124.4	0.642
428	6.002	34.158	26.886	121.1	0.674
450	5.951	34.164	26.898	120.2	0.703
476	5.827	34.191	26.935	118.9	0.734
500	5.768	34.205	26.954	115.4	0.762



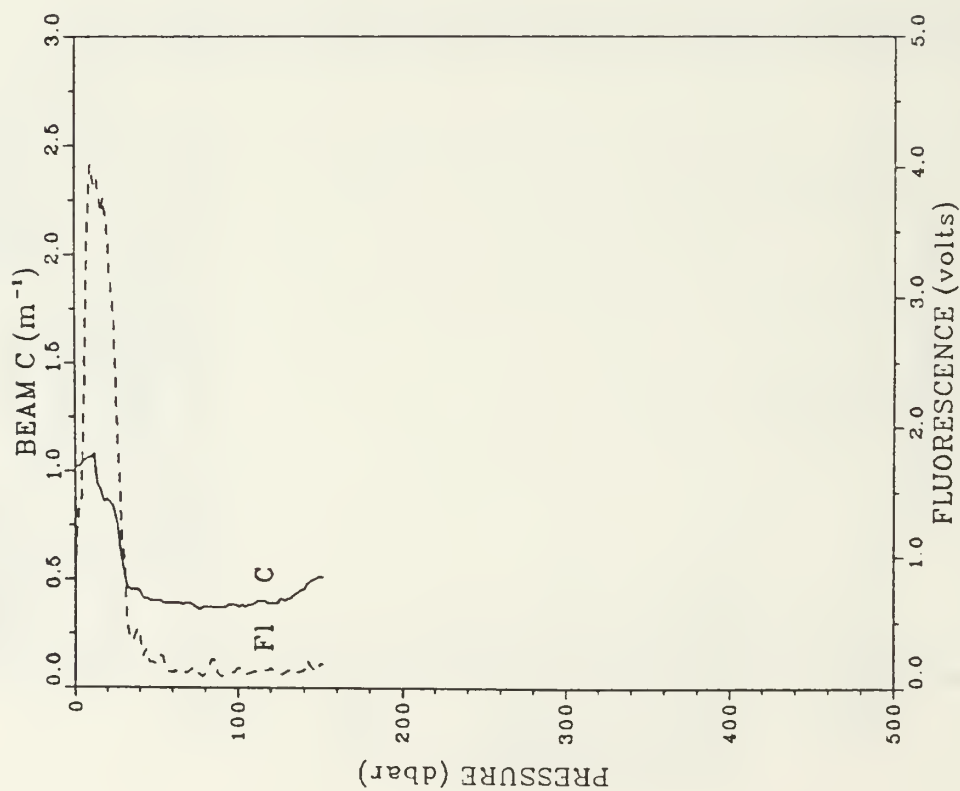
PRESS	TRANS	FLUOR
0	1.05	1.132
8	1.07	2.189
10	1.13	3.980
18	1.24	5.000
20	1.28	5.000
26	1.10	4.175
30	0.73	1.717
38	0.43	0.396
40	0.45	0.338
48	0.86	1.501
50	0.72	1.340
60	0.57	0.888
70	0.62	1.085
80	0.64	0.757
90	0.43	0.204
100	0.39	0.111
128	0.35	0.081
150	0.37	0.092
178	0.38	0.074
200	0.38	0.078
228	0.35	0.077
250	0.35	0.071
278	0.34	0.069
300	0.34	0.071
328	0.35	0.072
350	0.35	0.074
378	0.34	0.072
400	0.34	0.073
428	0.33	0.072
450	0.33	0.072
476	0.33	0.073
500	0.33	0.069

STATION: 106 LAT: 38 44.1 N LON: 123 52.8 W
 DATE: 7/6/88 TIME: 2023Z



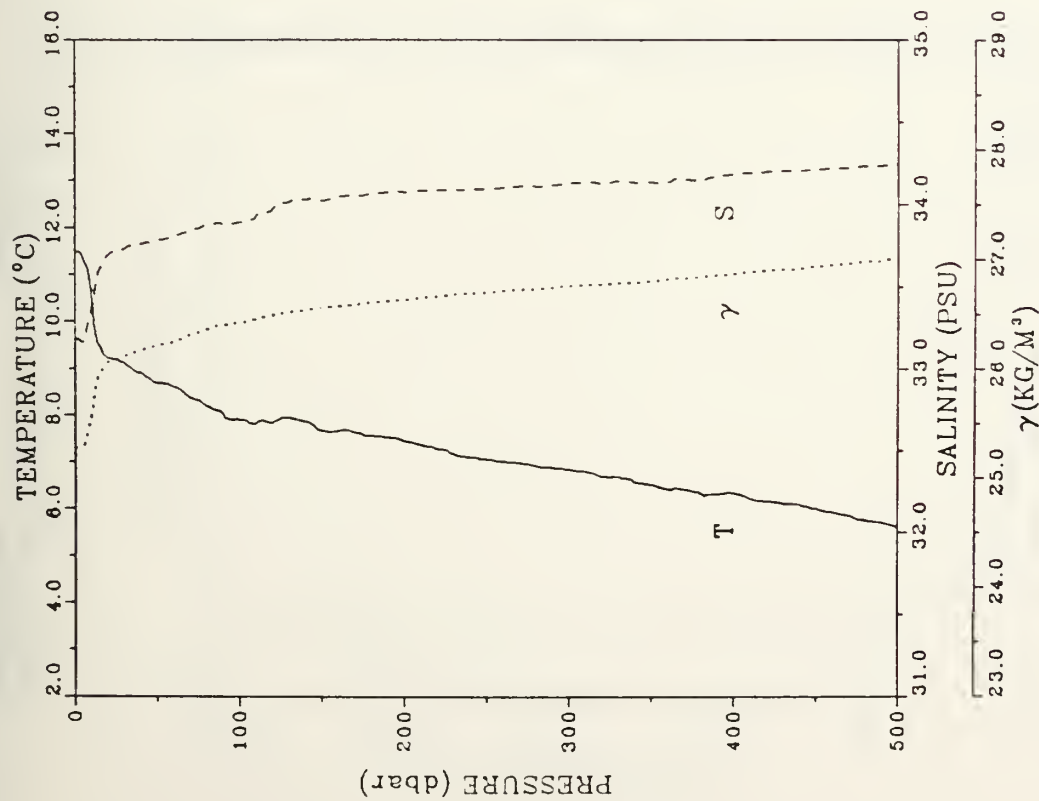
STATION: 107 LAT: 38 56.4 N LON: 123 54.7 W
DATE: 7/6/88 TIME: 2241Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	11.260	33.109	25.257	270.3	0.000
6	11.122	33.106	25.280	268.3	0.013
10	10.961	33.096	25.300	266.4	0.024
16	10.827	33.124	25.348	262.2	0.040
20	10.782	33.155	25.378	259.2	0.050
26	9.879	33.439	25.754	223.6	0.065
30	9.211	33.482	25.896	210.1	0.074
36	9.033	33.508	25.945	205.6	0.086
40	8.829	33.659	26.095	191.3	0.094
46	8.705	33.761	26.195	182.0	0.105
50	8.489	33.787	26.248	177.0	0.112
60	8.314	33.887	26.353	167.2	0.130
70	8.244	33.956	26.418	161.2	0.146
80	8.130	34.009	26.477	155.8	0.162
90	8.101	34.022	26.491	154.6	0.177
100	8.047	34.041	26.514	152.6	0.193
126	7.694	34.068	26.587	146.0	0.232
150	7.651	34.065	26.591	146.0	0.267
151	7.651	34.065	26.591	146.0	0.268



PRESS	TRANS	FLUOR
1	1.02	1.008
6	1.05	2.309
10	1.08	4.015
16	0.91	3.649
20	0.87	3.530
26	0.75	2.024
30	0.54	1.006
36	0.45	0.360
40	0.44	0.398
46	0.40	0.195
50	0.40	0.178
60	0.39	0.118
70	0.39	0.118
80	0.37	0.103
90	0.37	0.085
100	0.37	0.149
126	0.41	0.098
150	0.51	0.181
151	0.51	0.181

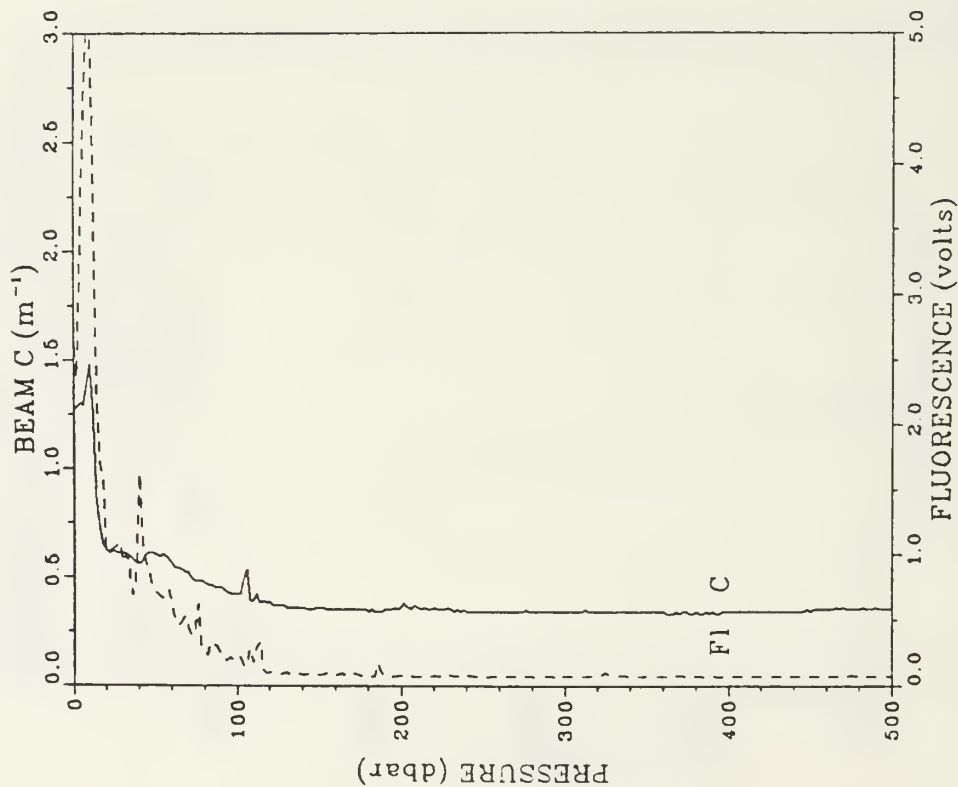
STATION: 107 LAT: 38 56.4 N LON: 123 54.7 W
 DATE: 7/6/88 TIME: 2241Z



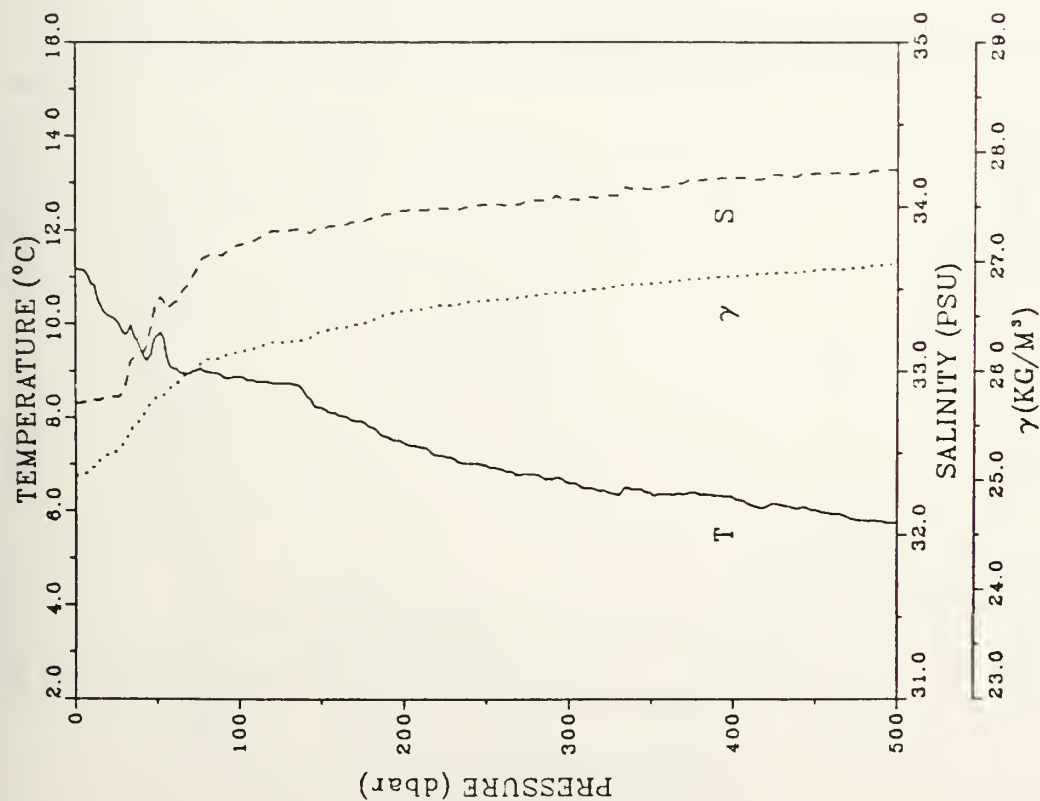
STATION: 108 LAT: 38 55.4 N LON: 124 2.0 W
 DATE: 7/6/88 TIME: 2400Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	11.473	33.176	25.271	269.0	0.000
6	11.264	33.165	25.300	266.4	0.013
10	10.700	33.351	25.545	243.1	0.024
16	9.438	33.618	25.966	203.2	0.037
20	9.225	33.685	26.053	195.0	0.045
26	9.161	33.717	26.088	191.8	0.057
30	9.106	33.727	26.105	190.3	0.064
36	8.949	33.744	26.143	186.7	0.075
40	8.904	33.760	26.163	185.0	0.083
46	8.770	33.764	26.187	182.8	0.094
50	8.685	33.781	26.213	180.3	0.101
60	8.603	33.805	26.245	177.5	0.119
70	8.376	33.836	26.304	172.0	0.137
80	8.194	33.872	26.359	166.9	0.154
90	8.042	33.875	26.384	164.7	0.170
100	7.901	33.888	26.415	161.9	0.186
126	7.945	34.008	26.503	154.0	0.227
150	7.678	34.022	26.553	149.6	0.264
176	7.572	34.056	26.595	146.0	0.302
200	7.448	34.074	26.627	143.3	0.337
226	7.254	34.088	26.665	140.0	0.374
250	7.060	34.093	26.696	137.3	0.407
276	6.952	34.109	26.724	135.1	0.443
300	6.852	34.132	26.755	132.3	0.475
326	6.699	34.135	26.778	130.4	0.509
350	6.515	34.134	26.802	128.4	0.540
376	6.370	34.147	26.831	125.9	0.573
400	6.340	34.180	26.861	123.4	0.603
426	6.143	34.201	26.903	119.6	0.634
450	6.000	34.212	26.930	117.2	0.663
476	5.772	34.231	26.974	113.2	0.693
500	5.602	34.244	27.005	110.4	0.720

PRESS	TRANS	FLUOR
1	1.27	2.600
6	1.29	4.395
10	1.48	5.000
16	0.73	1.716
20	0.62	1.015
26	0.61	1.070
30	0.61	0.943
36	0.58	0.691
40	0.56	1.622
48	0.61	0.871
50	0.60	0.715
60	0.56	0.640
70	0.52	0.450
80	0.47	0.252
90	0.45	0.235
100	0.42	0.224
128	0.37	0.086
150	0.36	0.081
176	0.35	0.072
200	0.36	0.076
226	0.35	0.083
250	0.34	0.071
276	0.35	0.070
300	0.34	0.072
326	0.34	0.069
350	0.34	0.076
376	0.33	0.070
400	0.34	0.074
426	0.34	0.071
450	0.34	0.073
476	0.35	0.075
500	0.35	0.071

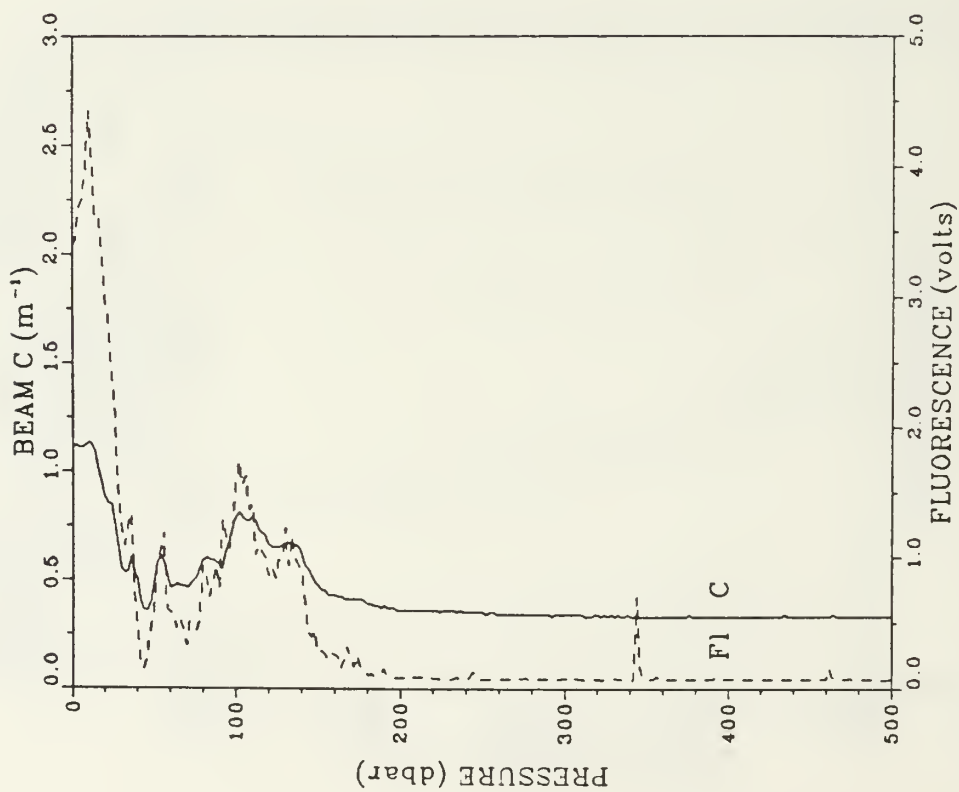


STATION: 108 LAT: 38 55.4 N LON: 124 2.0 W
 DATE: 7/6/88 TIME: 2400Z



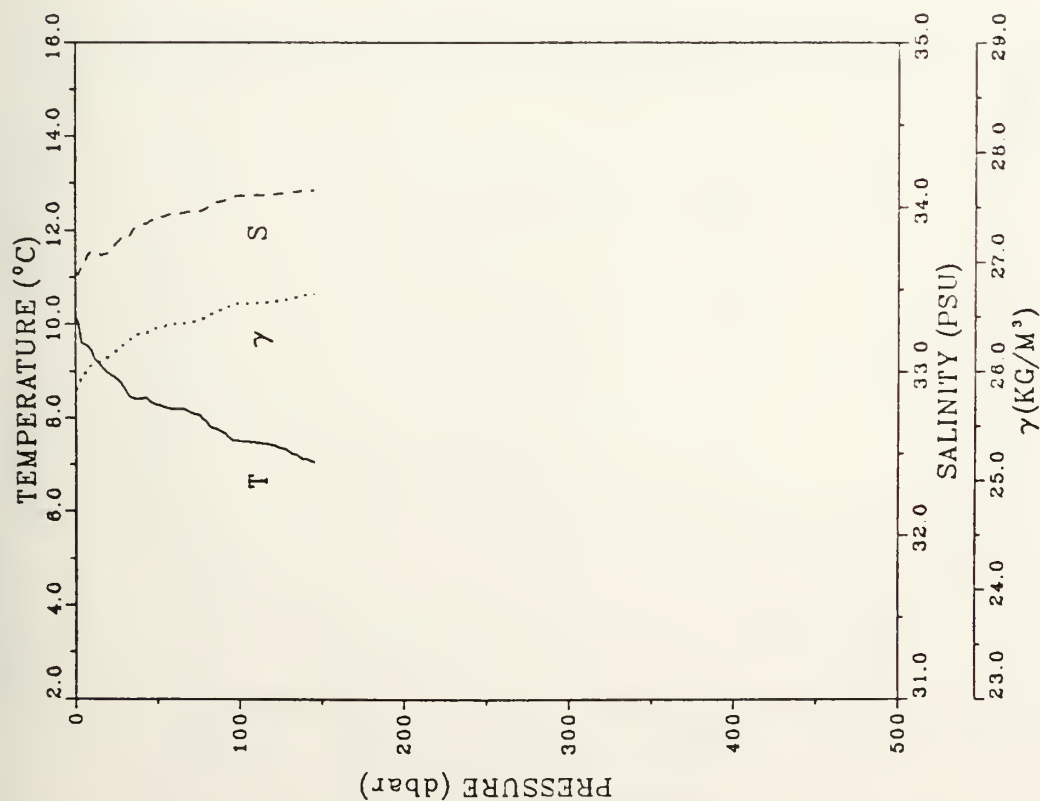
STATION: 109 LAT: 39 6.9 N LON: 124 11.2 W
 DATE: 7/7/88 TIME: 0223Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	11.166	32.800	25.034	291.6	0.000
8	11.123	32.809	25.048	290.3	0.015
10	10.851	32.829	25.112	284.3	0.026
16	10.372	32.825	25.192	276.8	0.043
20	10.185	32.842	25.237	272.6	0.054
28	10.015	32.841	25.284	270.1	0.070
30	9.781	32.899	25.348	262.2	0.081
36	9.728	33.078	25.497	248.2	0.096
40	9.449	33.086	25.556	242.6	0.108
48	9.349	33.282	25.702	228.8	0.120
50	9.745	33.421	25.762	223.3	0.129
60	9.045	33.416	25.871	213.0	0.151
70	8.958	33.545	25.986	202.3	0.172
80	8.981	33.701	26.104	191.2	0.191
90	8.873	33.701	26.121	189.8	0.210
100	8.874	33.767	26.173	185.1	0.229
126	8.733	33.853	26.282	177.0	0.276
150	8.203	33.866	26.353	168.7	0.318
176	7.901	33.910	26.433	161.5	0.361
200	7.455	33.975	26.548	150.8	0.398
226	7.160	33.988	26.600	146.1	0.437
250	6.972	34.010	26.643	142.3	0.471
276	6.800	34.033	26.684	138.7	0.508
300	6.613	34.042	26.717	135.9	0.541
326	6.391	34.068	26.766	131.4	0.575
350	6.389	34.108	26.798	128.7	0.607
376	6.398	34.159	26.837	125.3	0.640
400	6.305	34.175	26.862	123.3	0.670
426	6.165	34.196	26.897	120.2	0.701
450	6.018	34.202	26.920	118.2	0.730
476	5.807	34.202	26.946	115.8	0.760
500	5.748	34.225	26.972	113.6	0.788



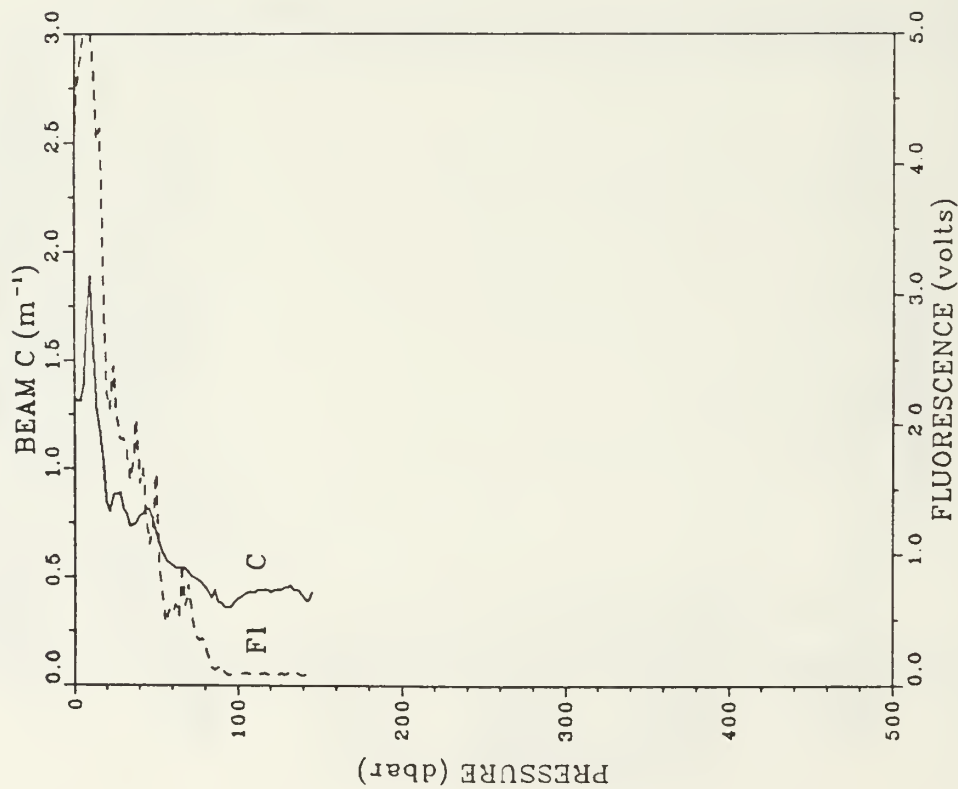
PRESS	TRANS	FLUOR
1	1.11	3.397
6	1.11	3.745
10	1.13	4.427
16	1.01	3.635
20	0.86	2.994
26	0.75	2.118
30	0.55	1.224
36	0.60	1.333
40	0.50	0.496
48	0.38	0.280
50	0.47	0.606
60	0.46	0.581
70	0.46	0.330
80	0.59	0.935
90	0.57	0.761
100	0.76	1.538
126	0.85	0.981
150	0.47	0.272
176	0.41	0.163
200	0.36	0.061
226	0.36	0.078
250	0.35	0.071
276	0.34	0.083
300	0.34	0.078
326	0.33	0.070
350	0.33	0.071
376	0.34	0.072
400	0.33	0.070
426	0.33	0.070
450	0.33	0.072
476	0.33	0.072
500	0.33	0.070

STATION: 109 LAT: 39 6.9 N LON: 124 11.2 W
 DATE: 7/7/88 TIME: 0223Z



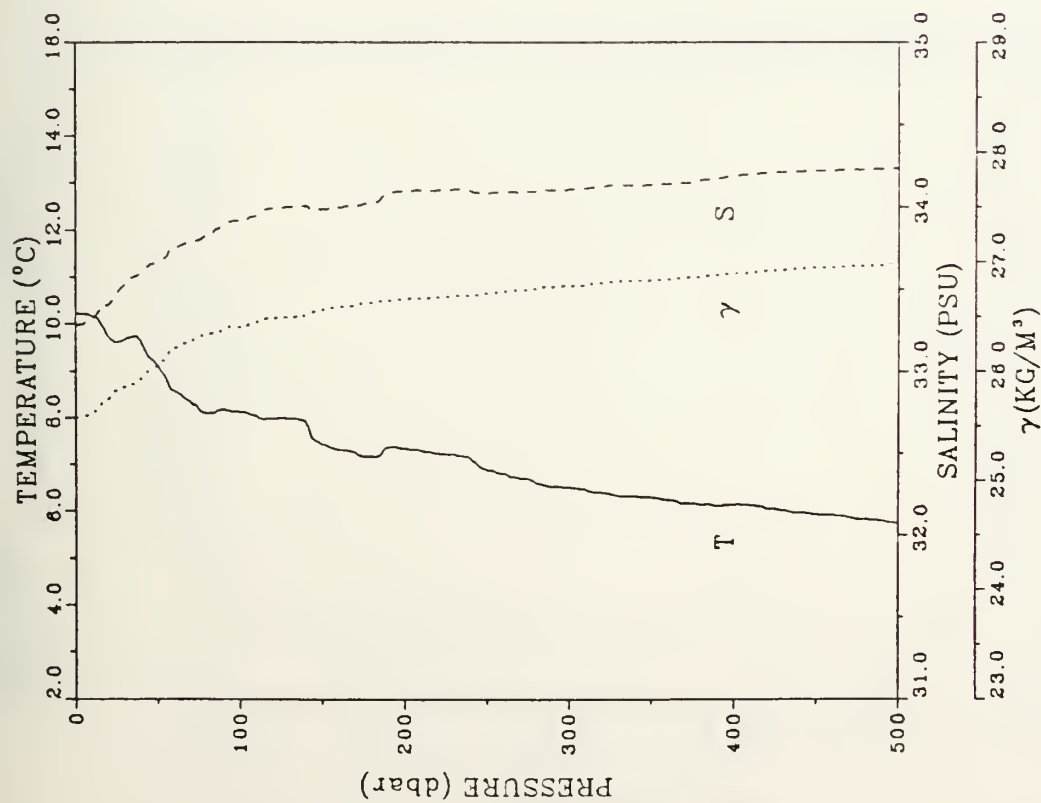
STATION: 110 LAT: 39 20.9 N LON: 123 56.1 W
 DATE: 7/7/88 TIME: 0518Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	10.142	33.586	25.826	216.2	0.000
6	9.557	33.654	25.975	202.2	0.010
10	9.437	33.726	26.052	194.9	0.016
16	9.112	33.704	26.086	191.8	0.030
20	8.958	33.716	26.121	188.5	0.036
26	8.804	33.785	26.198	181.4	0.049
30	8.637	33.607	26.241	177.3	0.056
36	8.406	33.866	26.323	169.7	0.066
40	8.416	33.867	26.338	168.3	0.073
46	8.345	33.917	26.372	165.2	0.083
50	8.279	33.928	26.391	163.5	0.090
60	8.187	33.957	26.427	160.1	0.106
70	8.112	33.971	26.449	156.2	0.122
80	7.919	33.992	26.494	154.1	0.137
90	7.697	34.036	26.561	147.8	0.152
100	7.507	34.067	26.613	143.1	0.167
126	7.350	34.081	26.646	140.3	0.204
145	7.056	34.100	26.702	135.2	0.230



PRESS	TRANS	FLUOR
1	1.32	4.307
6	1.39	5.000
10	1.89	5.000
16	1.17	4.278
20	0.84	2.255
26	0.88	2.096
30	0.81	1.898
36	0.74	1.708
40	0.78	1.548
46	0.81	1.078
50	0.71	1.626
80	0.55	0.536
70	0.52	0.772
80	0.45	0.298
90	0.38	0.154
100	0.40	0.091
126	0.44	0.089
145	0.43	0.083

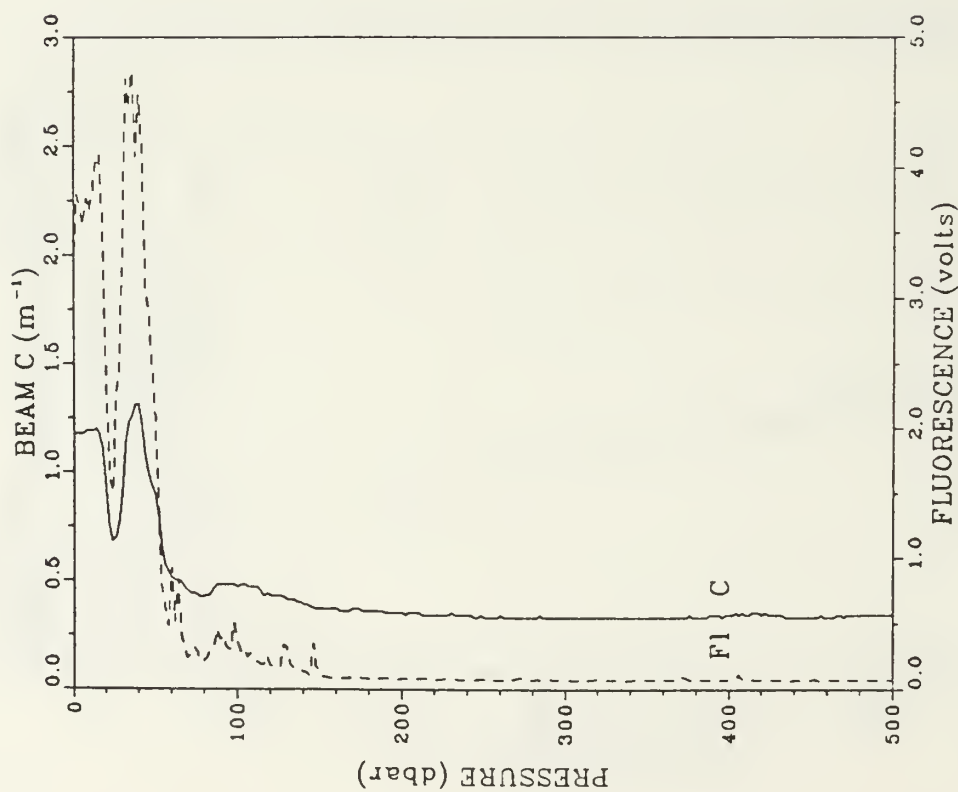
STATION: 110 LAT: 39 20.9 N LON: 123 56.1 W
 DATE: 7/7/88 TIME: 0518Z



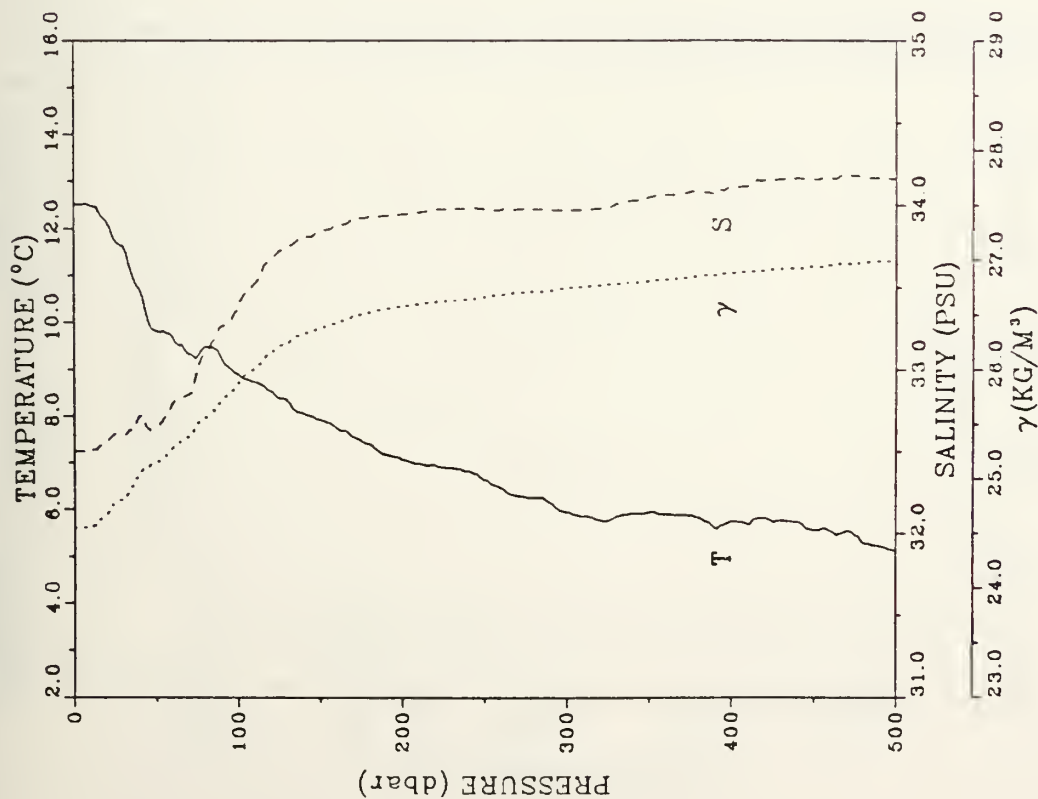
STATION: 111 LAT: 39 20.4 N LON: 124 2.2 W
DATE: 7/7/88 TIME: 0623Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	10.225	33.276	25.588	240.7	0.000
6	10.204	33.296	25.588	239.0	0.012
10	10.167	33.322	25.614	236.6	0.022
16	9.983	33.401	25.707	227.9	0.035
20	9.732	33.394	25.743	224.5	0.044
26	9.625	33.467	25.833	216.0	0.058
30	9.672	33.525	25.855	214.0	0.066
36	9.748	33.577	25.883	211.5	0.078
40	9.820	33.601	25.923	207.7	0.087
46	9.254	33.646	26.019	196.7	0.100
50	9.115	33.665	26.055	195.4	0.108
60	8.565	33.746	26.204	181.3	0.126
70	8.334	33.786	26.271	175.2	0.144
80	8.108	33.822	26.333	169.4	0.161
90	8.190	33.866	26.373	165.6	0.178
100	8.126	33.916	26.404	163.0	0.195
126	7.991	33.995	26.466	155.6	0.236
150	7.431	33.983	26.558	149.1	0.273
178	7.169	34.016	26.821	143.4	0.311
200	7.337	34.095	26.659	140.2	0.345
226	7.231	34.101	26.679	138.7	0.381
250	6.862	34.082	26.712	135.7	0.414
278	6.700	34.069	26.742	133.2	0.449
300	6.515	34.104	26.778	130.0	0.480
326	6.309	34.128	26.817	126.6	0.514
350	6.305	34.135	26.830	125.6	0.544
378	6.173	34.145	26.855	123.5	0.576
400	6.153	34.190	26.893	120.2	0.606
428	6.040	34.207	26.921	117.8	0.637
450	5.937	34.219	26.944	115.9	0.665
476	5.838	34.225	26.961	114.5	0.695
500	5.751	34.235	26.979	112.9	0.722

PRESS	TRANS	FLUOR
1	1.17	3.351
6	1.18	3.551
10	1.19	3.665
18	1.17	4.103
20	0.94	2.249
26	0.70	2.243
30	0.92	3.327
36	1.28	4.737
40	1.31	4.558
46	0.99	2.868
50	0.89	2.100
60	0.51	0.925
70	0.45	0.235
80	0.43	0.211
90	0.46	0.375
100	0.47	0.374
126	0.43	0.171
150	0.37	0.122
178	0.36	0.084
200	0.35	0.080
226	0.34	0.076
250	0.33	0.074
276	0.33	0.074
300	0.33	0.069
326	0.33	0.071
350	0.33	0.069
376	0.34	0.073
400	0.34	0.073
426	0.34	0.071
450	0.33	0.070
476	0.34	0.071
500	0.34	0.072



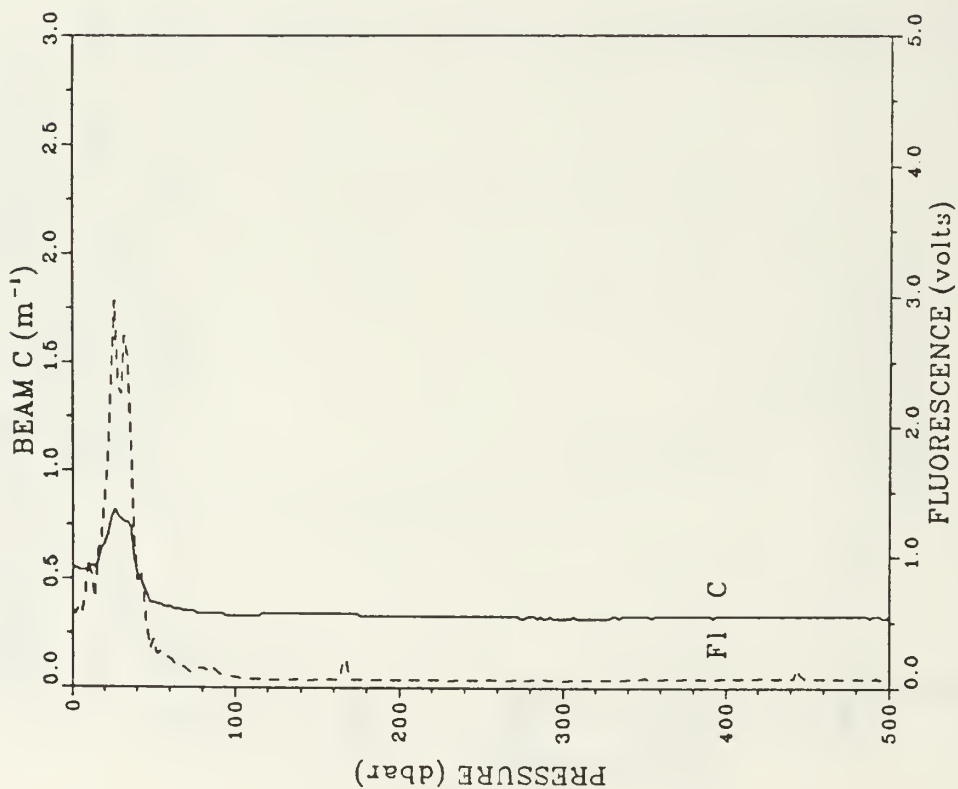
STATION: 111 LAT: 39 20.4 N LON: 124 2.2 W
 DATE: 7/7/88 TIME: 0623Z



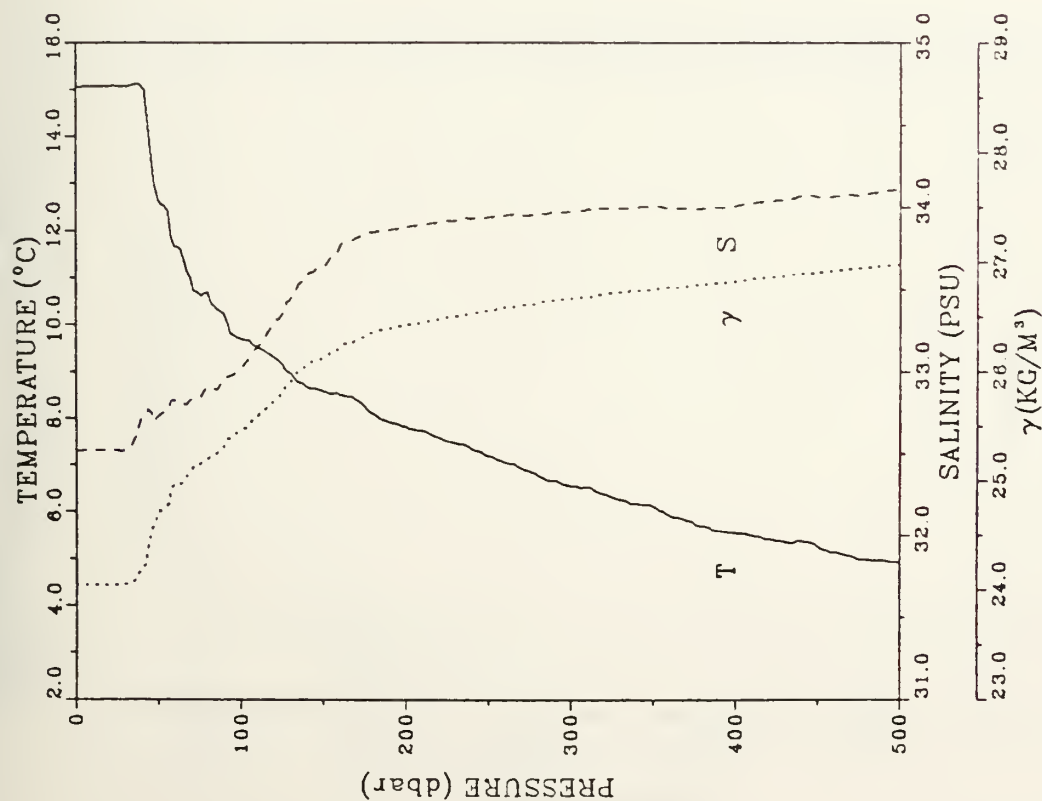
STATION: 112 LAT: 39 18.7 N LON: 124 17.5 W
 DATE: 7/7/88 TIME: 0900Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	12.516	32.498	24.550	337.7	0.000
8	12.521	32.497	24.548	338.0	0.020
10	12.478	32.506	24.563	336.6	0.034
16	12.301	32.531	24.616	331.7	0.054
20	12.142	32.562	24.670	326.6	0.067
28	11.682	32.609	24.792	315.1	0.086
30	11.612	32.601	24.799	314.6	0.099
36	10.970	32.623	24.931	302.1	0.117
40	10.710	32.715	25.048	291.0	0.129
48	9.929	32.627	25.112	285.0	0.146
50	9.795	32.644	25.147	281.7	0.158
60	9.699	32.789	25.276	269.6	0.185
70	9.316	32.846	25.382	259.6	0.212
80	9.489	33.101	25.554	243.5	0.237
90	9.228	33.264	25.723	227.6	0.261
100	8.898	33.373	25.861	214.7	0.283
128	8.372	33.723	26.216	181.3	0.334
150	7.905	33.842	26.379	166.2	0.376
176	7.453	33.922	26.507	154.3	0.417
200	7.072	33.940	26.574	148.1	0.454
226	6.907	33.975	26.624	143.7	0.492
250	6.651	33.974	26.658	140.7	0.526
276	6.270	33.972	26.706	136.3	0.562
300	5.949	33.968	26.744	132.8	0.594
326	5.782	33.981	26.775	130.1	0.628
350	5.949	34.045	26.805	127.7	0.659
376	5.879	34.081	26.842	124.5	0.692
400	5.750	34.111	26.882	120.9	0.722
426	5.712	34.148	26.915	118.0	0.753
450	5.584	34.153	26.937	116.1	0.781
476	5.447	34.178	26.971	113.1	0.810
500	5.124	34.159	26.994	110.8	0.837

PRESS	TRANS	FLUOR
0	0.55	0.560
6	0.54	0.565
10	0.55	0.975
16	0.58	1.060
20	0.66	1.449
26	0.82	2.969
30	0.77	2.250
36	0.73	1.863
40	0.52	0.812
46	0.42	0.438
50	0.39	0.370
60	0.37	0.219
70	0.35	0.143
80	0.34	0.151
90	0.34	0.107
100	0.33	0.077
126	0.34	0.081
150	0.34	0.056
176	0.33	0.058
200	0.33	0.060
226	0.33	0.060
250	0.33	0.060
276	0.32	0.058
300	0.32	0.058
326	0.32	0.059
350	0.33	0.074
376	0.33	0.071
400	0.33	0.074
426	0.33	0.068
450	0.33	0.069
476	0.33	0.068
500	0.33	0.063



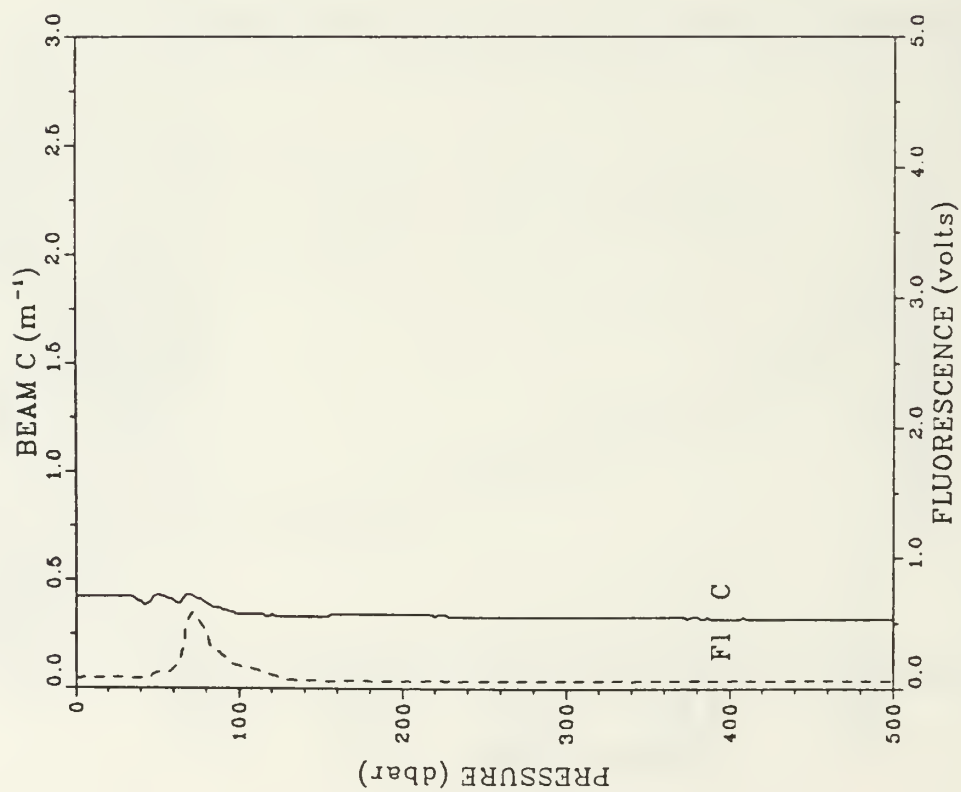
STATION: 112 LAT: 39 18.7 N LON: 124 17.5 W
 DATE: 7/7/88 TIME: 0900Z



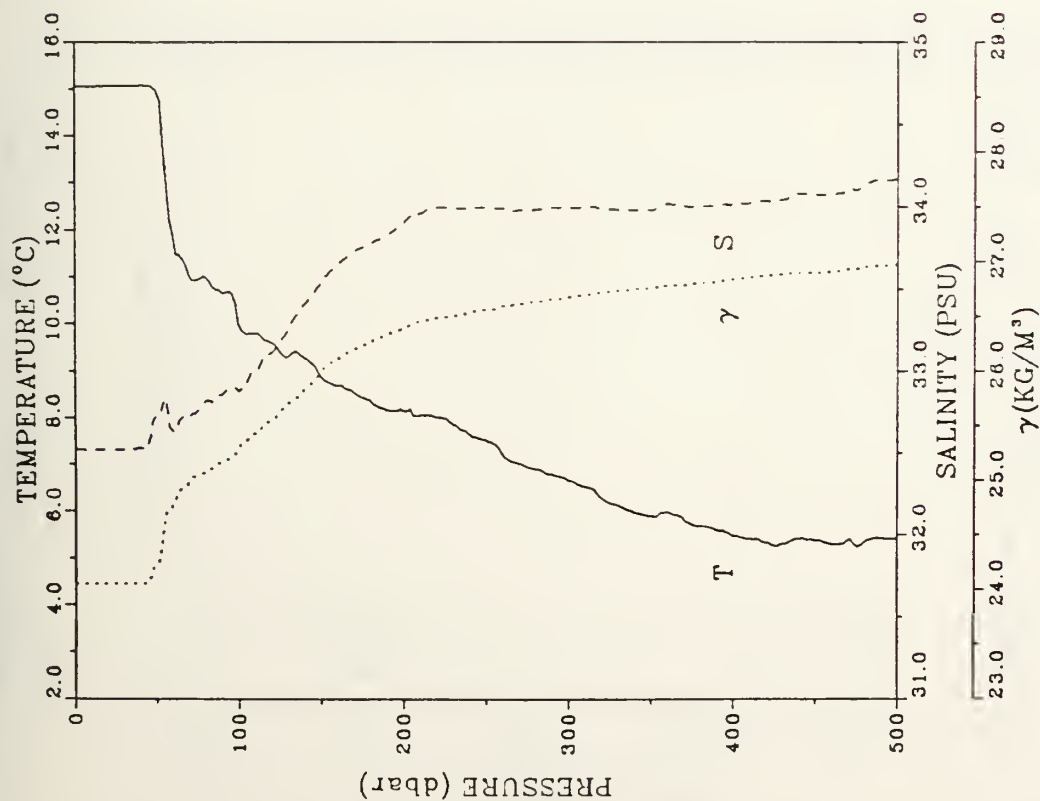
STATION: 113 LAT: 39 15.7 N LON: 124 44.7 W
DATE: 7/7/88 TIME: 1236Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.056	32.513	24.044	385.9	0.000
6	15.070	32.516	24.043	386.1	0.023
10	15.068	32.516	24.044	386.1	0.039
18	15.073	32.517	24.043	386.3	0.062
20	15.071	32.516	24.043	386.5	0.077
26	15.065	32.514	24.043	386.6	0.100
30	15.068	32.517	24.045	386.5	0.116
36	15.119	32.589	24.089	382.5	0.139
40	15.063	32.711	24.195	372.5	0.154
48	13.476	32.741	24.549	338.8	0.175
50	12.650	32.728	24.702	324.3	0.189
60	11.852	32.822	24.963	299.6	0.220
70	11.006	32.828	25.084	288.2	0.249
80	10.699	32.900	25.194	277.9	0.278
90	10.224	32.944	25.310	267.0	0.305
100	9.682	33.015	25.455	253.3	0.331
126	9.127	33.359	25.814	219.7	0.392
150	8.568	33.639	26.120	190.9	0.442
178	8.217	33.839	26.330	171.3	0.489
200	7.801	33.878	26.422	162.8	0.529
226	7.501	33.915	26.494	156.3	0.570
250	7.184	33.938	26.557	150.5	0.607
278	6.851	33.952	26.614	145.4	0.646
300	6.565	33.972	26.668	140.4	0.680
326	6.297	33.995	26.721	135.6	0.718
350	6.123	34.005	26.751	132.9	0.748
378	5.720	33.990	26.790	129.3	0.782
400	5.547	34.006	26.823	126.2	0.813
428	5.389	34.040	26.869	122.1	0.845
450	5.261	34.064	26.903	119.0	0.874
476	4.984	34.075	26.944	115.1	0.904
500	4.921	34.108	26.977	112.2	0.932

PRESS	TRANS	FLUOR
0	0.42	0.070
8	0.42	0.078
10	0.42	0.078
18	0.42	0.074
20	0.42	0.075
28	0.42	0.083
30	0.42	0.079
36	0.41	0.075
40	0.40	0.070
48	0.40	0.085
50	0.43	0.119
60	0.40	0.152
70	0.43	0.545
80	0.39	0.442
90	0.36	0.250
100	0.34	0.169
126	0.33	0.073
150	0.33	0.055
178	0.34	0.057
200	0.34	0.054
228	0.34	0.053
250	0.33	0.055
278	0.33	0.060
300	0.33	0.080
328	0.33	0.082
350	0.33	0.061
378	0.33	0.062
400	0.32	0.060
426	0.32	0.060
450	0.32	0.061
478	0.32	0.058
500	0.32	0.060



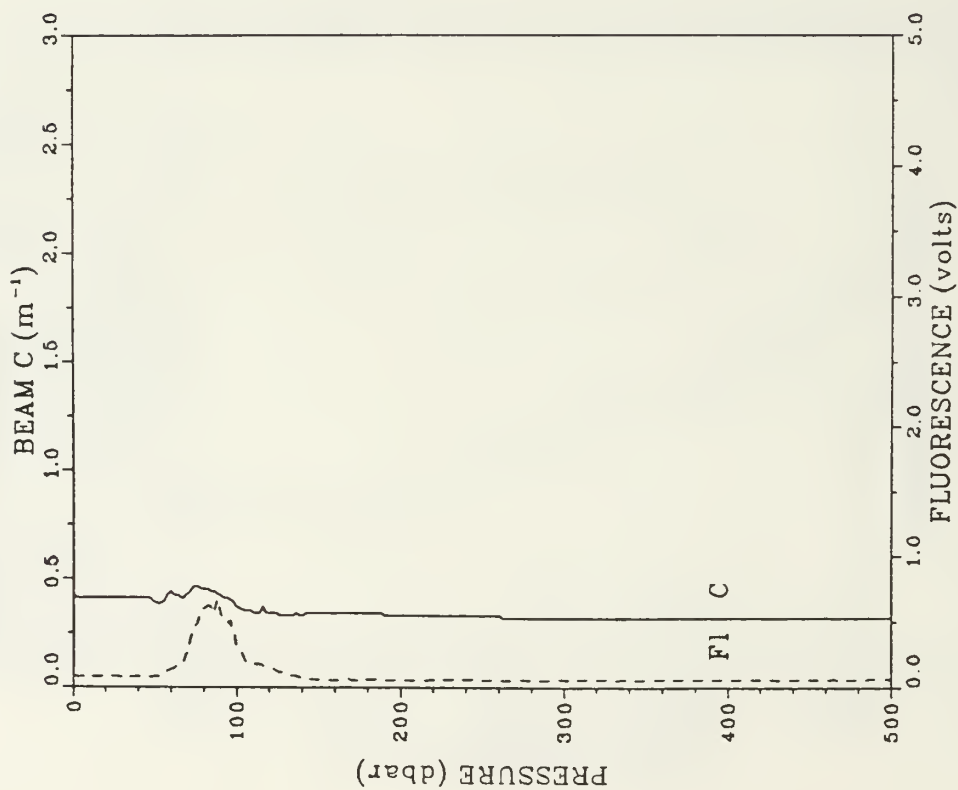
STATION: 113 LAT: 39 15.7 N LON: 124 44.7 W
 DATE: 7/7/88 TIME: 1236Z



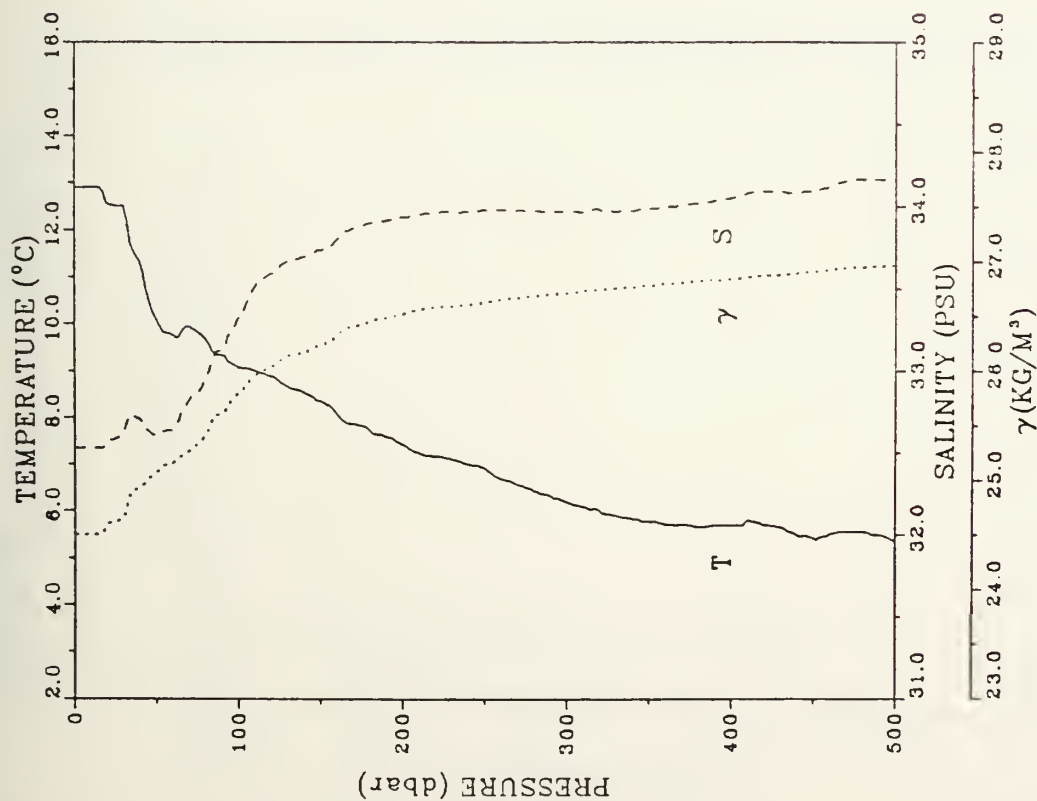
STATION: 114 LAT: 39 4.2 N LON: 124 36.7 W
DATE: 7/7/88 TIME: 1423Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.058	32.518	24.046	385.6	0.000
8	15.058	32.515	24.046	385.9	0.019
10	15.057	32.515	24.045	386.0	0.035
16	15.058	32.515	24.045	386.2	0.056
20	15.059	32.515	24.045	386.3	0.073
26	15.062	32.516	24.045	386.4	0.097
30	15.062	32.517	24.046	386.5	0.112
36	15.069	32.520	24.047	386.5	0.135
40	15.077	32.529	24.052	386.1	0.151
46	15.066	32.597	24.107	381.1	0.174
50	14.960	32.726	24.229	369.5	0.189
60	11.907	32.631	24.768	318.2	0.223
70	11.041	32.711	24.987	297.5	0.254
80	10.985	32.617	25.079	288.9	0.283
90	10.659	32.652	25.163	281.0	0.312
100	10.028	32.673	25.267	269.3	0.339
126	9.370	33.186	25.639	236.2	0.405
150	8.895	33.529	25.983	203.9	0.458
176	8.417	33.751	26.231	160.6	0.508
200	8.141	33.894	26.385	166.5	0.549
226	7.966	33.994	26.489	157.0	0.591
250	7.522	33.995	26.554	151.0	0.628
276	6.942	33.977	26.621	144.7	0.667
300	6.658	33.993	26.672	140.1	0.701
326	6.169	33.984	26.729	134.6	0.737
350	5.903	33.980	26.759	132.0	0.769
376	5.706	33.997	26.797	128.6	0.803
400	5.484	34.012	26.835	125.0	0.833
426	5.251	34.026	26.876	121.3	0.865
450	5.376	34.074	26.897	119.7	0.894
476	5.237	34.100	26.934	116.3	0.925
500	5.385	34.169	26.972	113.3	0.952

PRESS	TRANS	FLUOR
1	0.42	0.080
6	0.41	0.078
10	0.41	0.077
18	0.41	0.079
20	0.41	0.077
26	0.41	0.088
30	0.41	0.073
36	0.41	0.077
40	0.41	0.080
46	0.41	0.075
50	0.39	0.081
60	0.44	0.137
70	0.43	0.265
80	0.45	0.603
90	0.42	0.584
100	0.37	0.321
126	0.33	0.114
150	0.34	0.059
178	0.34	0.053
200	0.33	0.057
226	0.33	0.059
250	0.33	0.055
276	0.32	0.053
300	0.32	0.055
326	0.32	0.058
350	0.32	0.058
376	0.32	0.056
400	0.32	0.055
426	0.32	0.056
450	0.32	0.060
476	0.32	0.061
500	0.32	0.065



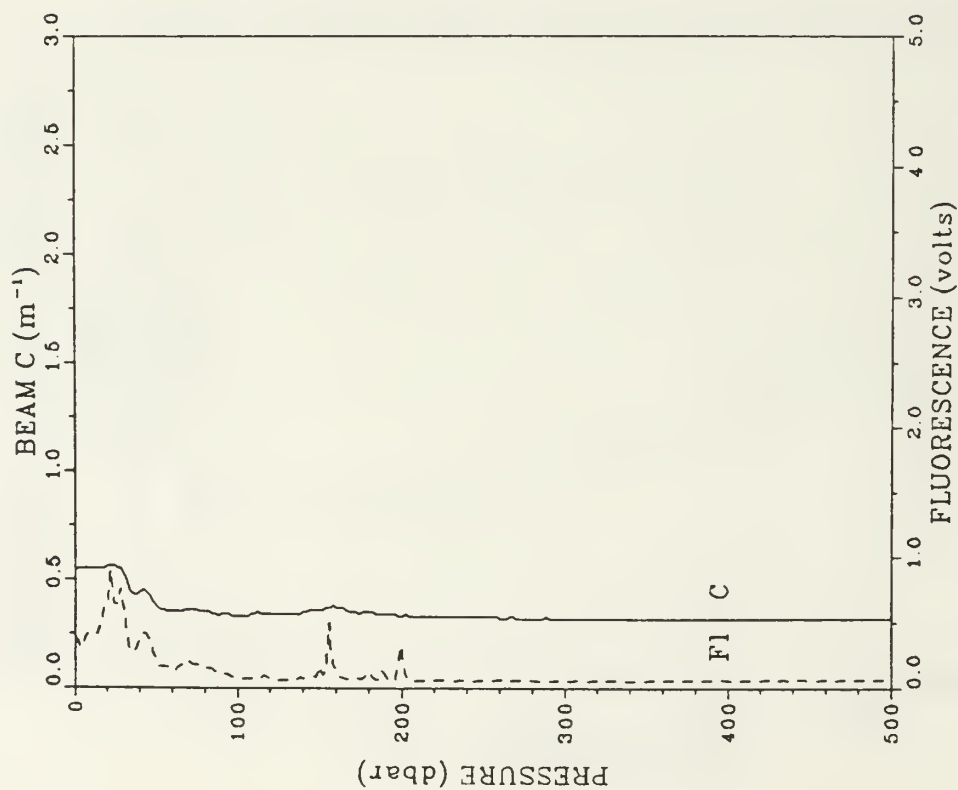
STATION: 114 LAT: 39 4.2 N LON: 124 36.7 W
 DATE: 7/7/88 TIME: 1423Z



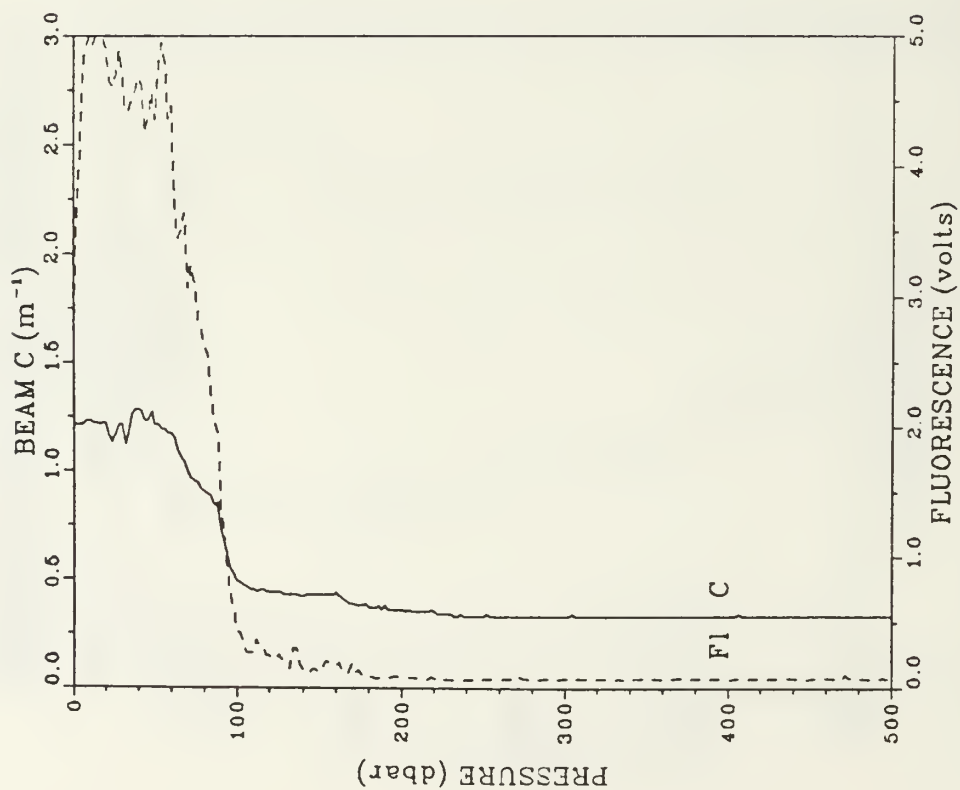
STATION: 115 LAT: 38 52.9 N LON: 124 27.4 W
DATE: 7/7/88 TIME: 1618Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	12.904	32.525	24.496	342.8	0.000
6	12.900	32.527	24.498	342.7	0.017
10	12.903	32.527	24.497	342.9	0.031
16	12.891	32.524	24.497	343.0	0.051
20	12.588	32.567	24.593	334.0	0.065
26	12.515	32.590	24.621	331.4	0.085
30	12.491	32.620	24.649	328.9	0.098
36	11.551	32.720	24.902	304.9	0.117
40	11.322	32.704	24.931	302.2	0.129
46	10.425	32.619	25.022	293.6	0.147
50	10.116	32.601	25.060	290.0	0.159
60	9.752	32.639	25.150	281.6	0.187
70	9.929	32.816	25.250	271.4	0.215
80	9.668	32.962	25.416	256.6	0.241
90	9.325	33.125	25.599	239.4	0.268
100	9.067	33.316	25.791	221.3	0.289
126	8.734	33.644	26.098	192.6	0.343
150	8.344	33.735	26.229	180.4	0.388
176	7.815	33.884	26.425	162.2	0.432
200	7.431	33.934	26.519	153.5	0.470
226	7.140	33.967	26.586	147.4	0.509
250	6.928	33.981	26.626	143.8	0.544
276	6.509	33.976	26.678	139.1	0.581
300	6.197	33.969	26.713	135.9	0.614
326	5.935	33.972	26.749	132.7	0.649
350	5.788	33.986	26.778	130.1	0.681
376	5.692	34.019	26.816	126.8	0.714
400	5.705	34.050	26.839	124.9	0.744
426	5.679	34.090	26.874	121.9	0.778
450	5.428	34.087	26.902	119.3	0.805
476	5.558	34.163	26.946	115.6	0.836
500	5.358	34.155	26.984	114.0	0.863

PRESS	TRANS	FLUOR
1	0.54	0.383
8	0.55	0.369
10	0.55	0.388
18	0.55	0.497
20	0.58	0.623
26	0.55	0.635
30	0.52	0.813
38	0.43	0.278
40	0.44	0.385
48	0.42	0.381
50	0.38	0.218
60	0.35	0.185
70	0.38	0.201
80	0.35	0.157
90	0.34	0.123
100	0.33	0.079
128	0.34	0.081
150	0.36	0.188
178	0.35	0.089
200	0.33	0.327
228	0.33	0.056
250	0.33	0.057
278	0.32	0.058
300	0.32	0.053
328	0.32	0.057
350	0.32	0.054
378	0.32	0.059
400	0.32	0.080
428	0.32	0.080
450	0.32	0.059
478	0.32	0.068
500	0.32	0.060

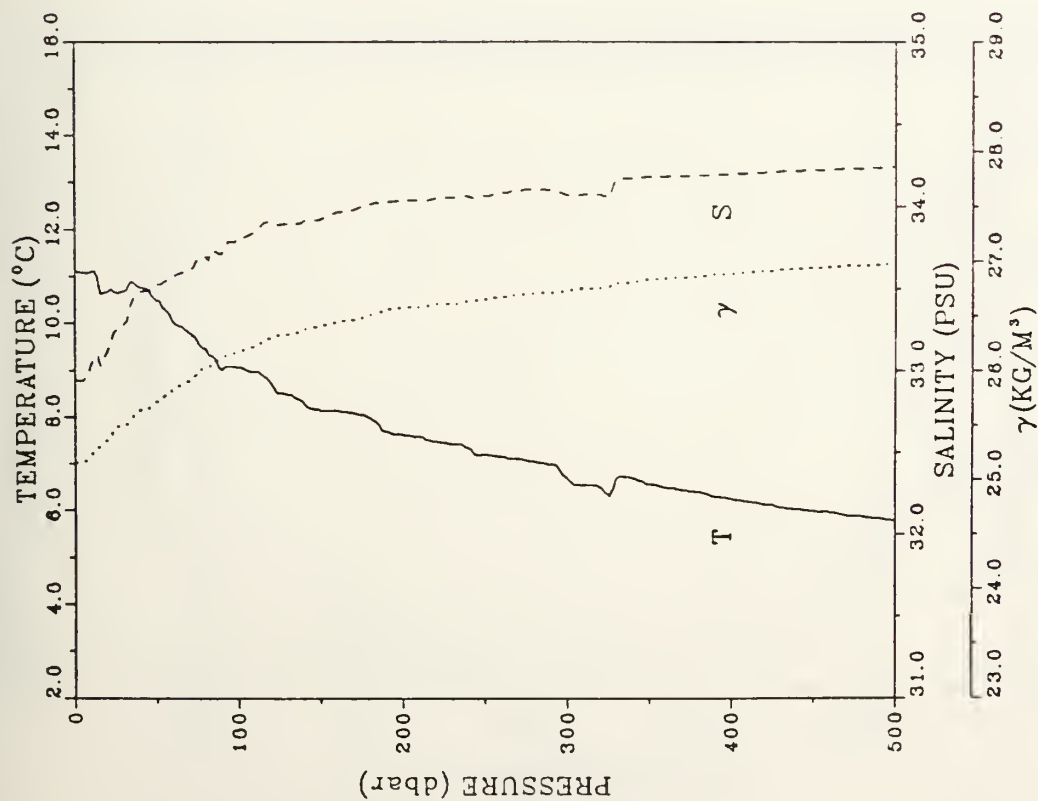


STATION: 115 LAT: 38 52.9 N LON: 124 27.4 W
 DATE: 7/7/88 TIME: 1618Z



PRESS	TRANS	FLUOR
1	1.21	2.871
6	1.21	4.783
10	1.23	5.000
16	1.21	5.000
20	1.22	4.883
26	1.17	4.695
30	1.21	4.732
36	1.26	4.520
40	1.28	4.680
46	1.23	4.379
50	1.21	4.352
60	1.17	4.466
70	1.00	3.065
80	0.90	2.625
90	0.74	1.366
100	0.49	0.431
126	0.44	0.255
150	0.43	0.113
176	0.38	0.097
200	0.38	0.080
226	0.34	0.064
250	0.33	0.070
276	0.33	0.069
300	0.33	0.070
326	0.33	0.069
350	0.33	0.070
376	0.33	0.073
400	0.33	0.067
426	0.33	0.072
450	0.33	0.073
476	0.33	0.074
500	0.33	0.070

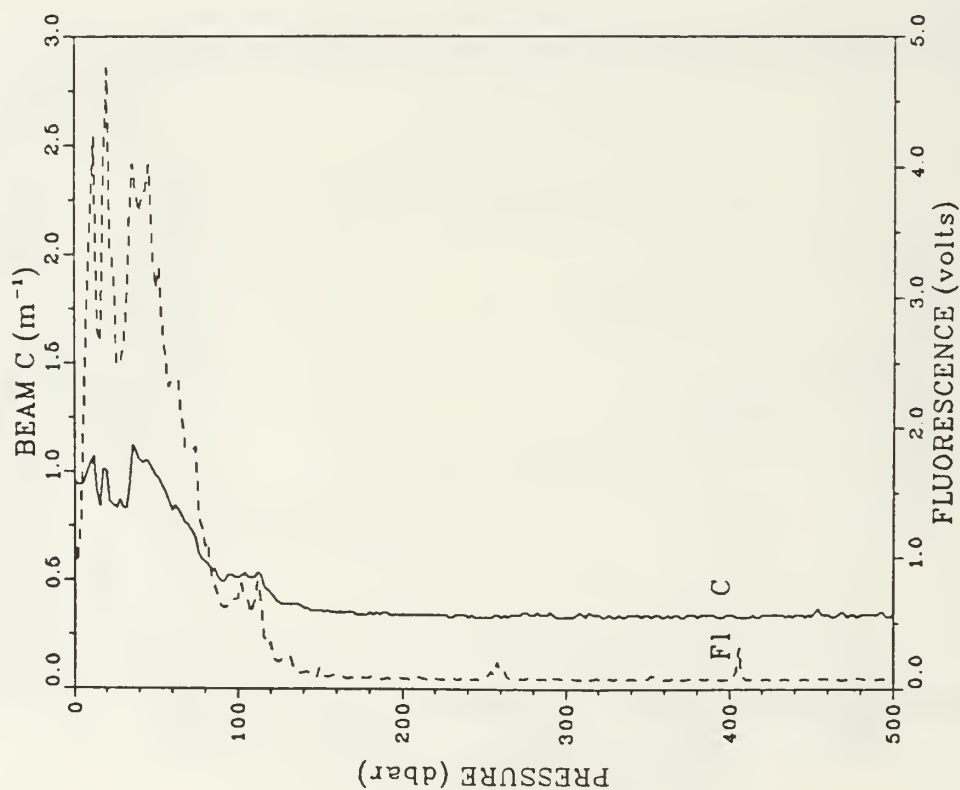
STATION: 116 LAT: 38 40.6 N LON: 124 19.9 W
 DATE: 7/7/88 TIME: 1811Z



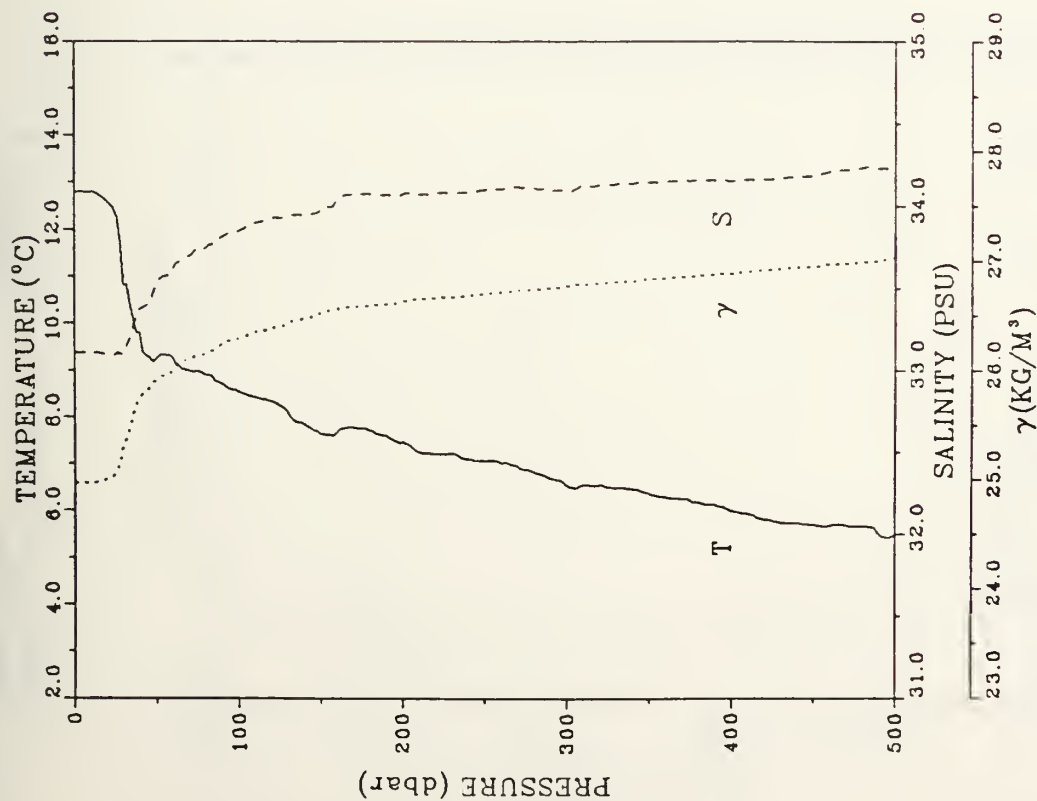
STATION: 117 LAT: 38 29.7 N LON: 124 11.3 W
DATE: 7/7/88 TIME: 2018Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	11.103	32.937	25.152	280.4	0.000
6	11.077	32.945	25.162	278.4	0.014
10	11.101	33.029	25.223	273.7	0.025
16	10.616	33.026	25.306	266.0	0.041
20	10.679	33.107	25.359	261.1	0.052
26	10.641	33.254	25.480	249.7	0.067
30	10.700	33.280	25.490	246.8	0.077
36	10.858	33.437	25.584	240.0	0.092
40	10.753	33.479	25.635	235.2	0.101
46	10.686	33.491	25.660	232.9	0.115
50	10.465	33.518	25.713	226.0	0.125
60	10.032	33.568	25.829	217.1	0.147
70	9.804	33.617	25.905	210.0	0.168
80	9.446	33.669	26.020	199.3	0.189
90	8.998	33.709	26.108	191.1	0.208
100	9.056	33.791	26.163	186.1	0.227
126	8.517	33.889	26.324	171.1	0.273
150	8.136	33.920	26.405	163.7	0.314
176	8.045	33.997	26.460	157.1	0.355
200	7.624	34.037	26.573	146.3	0.392
226	7.442	34.051	26.610	145.3	0.430
250	7.202	34.062	26.652	141.6	0.465
276	7.078	34.103	26.702	137.2	0.501
300	6.707	34.088	26.725	135.2	0.534
326	6.308	34.050	26.763	131.6	0.568
350	6.573	34.177	26.828	126.0	0.599
376	6.411	34.187	26.858	123.5	0.632
400	6.243	34.197	26.867	120.8	0.661
426	6.113	34.207	26.912	118.7	0.692
450	5.988	34.219	26.937	116.5	0.720
476	5.661	34.228	26.958	114.8	0.750
500	5.784	34.236	26.978	113.1	0.778

PRESS	TRANS	FLUOR
1	0.95	1.062
6	0.95	2.165
10	1.04	3.702
18	0.84	2.649
20	1.00	4.758
26	0.83	2.487
30	0.83	2.606
38	1.12	4.022
40	1.05	3.648
48	1.04	4.015
50	0.98	3.067
60	0.82	2.363
70	0.75	1.834
80	0.58	1.084
90	0.49	0.628
100	0.51	0.689
126	0.39	0.218
150	0.36	0.155
178	0.34	0.083
200	0.34	0.074
226	0.34	0.073
250	0.33	0.073
276	0.35	0.077
300	0.33	0.072
328	0.34	0.078
350	0.34	0.078
378	0.34	0.079
400	0.34	0.069
428	0.34	0.070
450	0.33	0.071
476	0.34	0.071
500	0.34	0.073

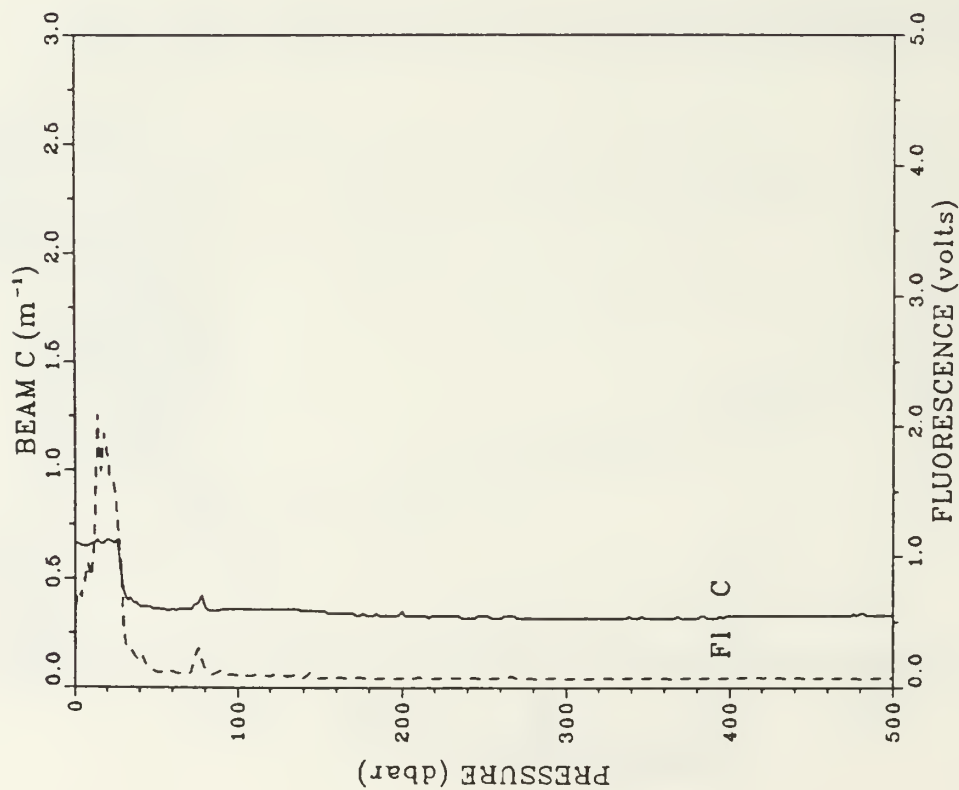


STATION: 117 LAT: 38 29.7 N LON: 124 11.3 W
 DATE: 7/7/88 TIME: 2018Z



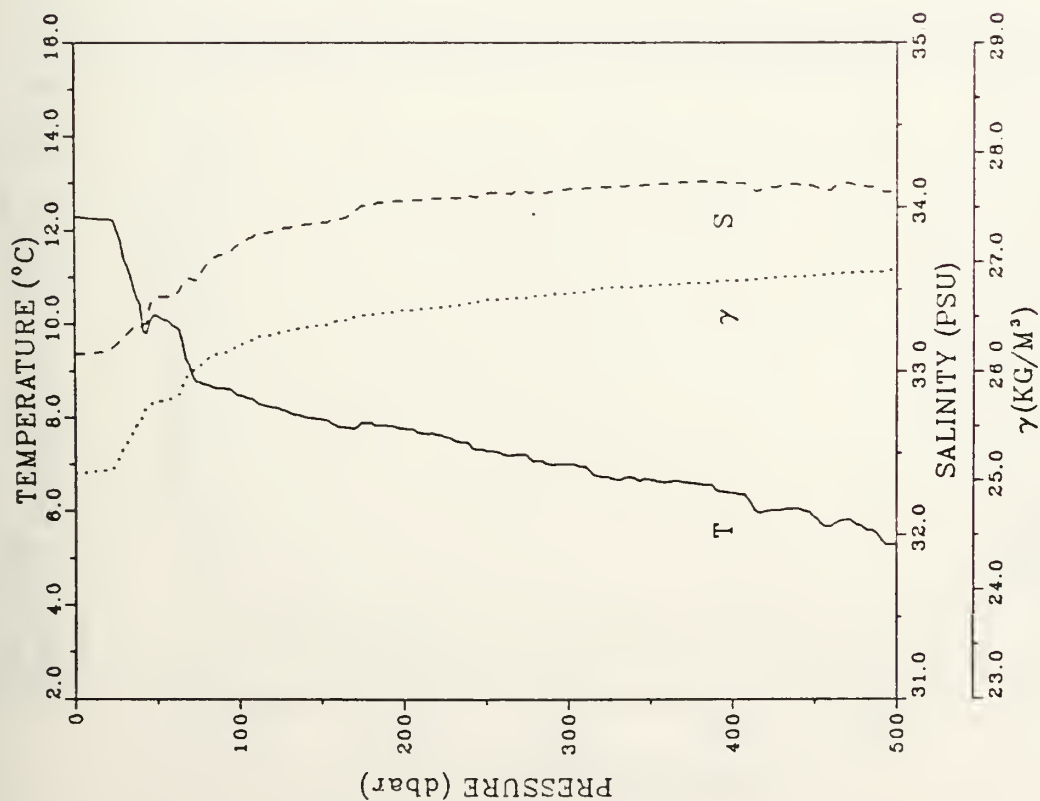
STATION: 118 LAT: 38 18.2 N LON: 124 2.9 W
DATE: 7/7/88 TIME: 2233Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	12.792	33.108	24.967	297.9	0.000
6	12.792	33.106	24.967	298.0	0.015
10	12.795	33.107	24.968	298.1	0.027
18	12.892	33.102	24.984	298.7	0.045
20	12.590	33.096	24.999	295.3	0.057
26	12.245	33.108	25.074	288.3	0.074
30	10.817	33.097	25.327	264.3	0.085
38	10.092	33.270	25.588	239.7	0.100
40	9.776	33.377	25.723	226.8	0.110
46	9.251	33.420	25.842	215.6	0.123
50	9.248	33.515	25.916	208.6	0.131
60	9.248	33.616	25.995	201.2	0.152
70	8.977	33.692	26.098	191.6	0.171
80	8.892	33.744	26.152	186.7	0.190
90	8.701	33.813	26.236	178.9	0.209
100	8.537	33.845	26.266	174.2	0.226
126	8.226	33.926	26.397	164.1	0.270
150	7.643	33.988	26.516	153.1	0.308
176	7.754	34.071	26.581	147.4	0.347
200	7.470	34.071	26.622	143.8	0.382
226	7.211	34.080	26.665	140.0	0.419
250	7.070	34.098	26.699	137.1	0.452
276	6.862	34.109	26.733	134.1	0.488
300	6.538	34.091	26.765	131.2	0.520
326	6.497	34.132	26.803	128.0	0.553
350	6.370	34.142	26.827	125.9	0.584
376	6.182	34.153	26.860	123.0	0.616
400	5.995	34.150	26.882	121.1	0.645
426	5.775	34.163	26.920	117.7	0.676
450	5.692	34.183	26.946	115.5	0.704
476	5.669	34.229	26.985	112.1	0.734
500	5.467	34.249	27.025	108.3	0.760



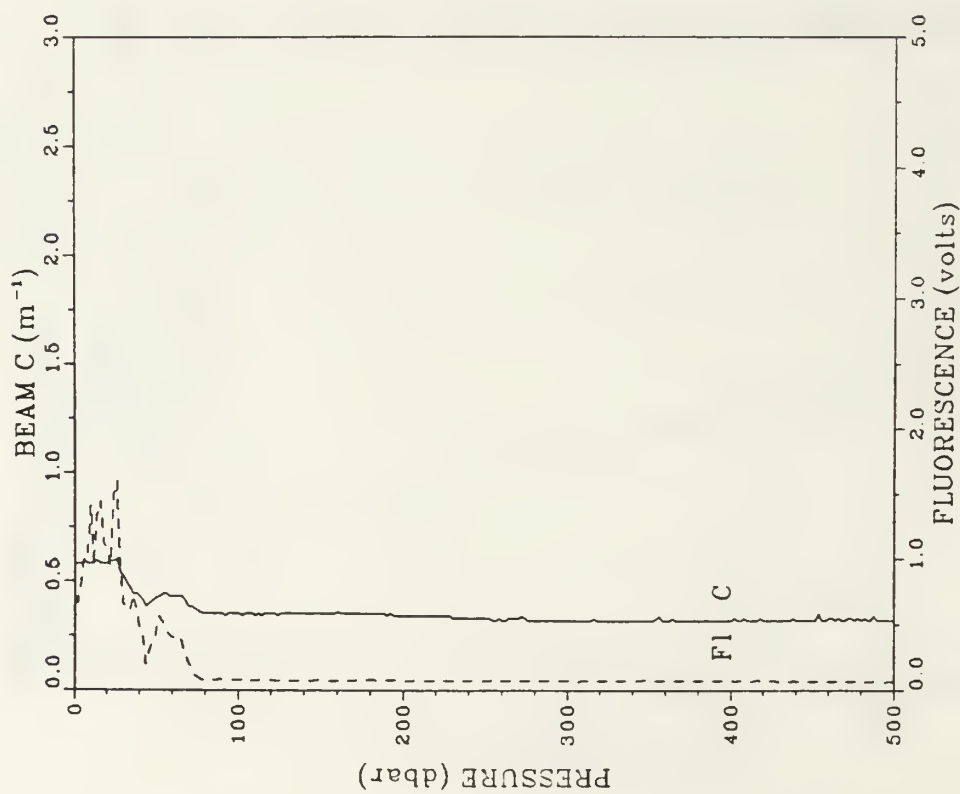
PRESS	TRANS	FLUOR
1	0.66	0.615
6	0.65	0.806
10	0.66	0.837
16	0.66	1.850
20	0.68	1.784
26	0.66	1.312
30	0.44	0.458
36	0.39	0.261
40	0.37	0.194
46	0.37	0.152
50	0.36	0.113
60	0.36	0.116
70	0.36	0.105
80	0.37	0.143
90	0.36	0.128
100	0.36	0.086
126	0.36	0.094
150	0.35	0.089
176	0.34	0.073
200	0.35	0.072
226	0.33	0.070
250	0.33	0.067
276	0.32	0.067
300	0.32	0.067
326	0.32	0.069
350	0.32	0.066
376	0.32	0.069
400	0.33	0.071
426	0.33	0.073
450	0.33	0.076
476	0.34	0.066
500	0.33	0.071

STATION: 118 LAT: 38 18.2 N LON: 124 2.9 W
 DATE: 7/7/88 TIME: 2223Z



STATION: 119 LAT: 38 7.2 N LONG: 123 54.4 W
DATE: 7/8/88 TIME: 0023Z

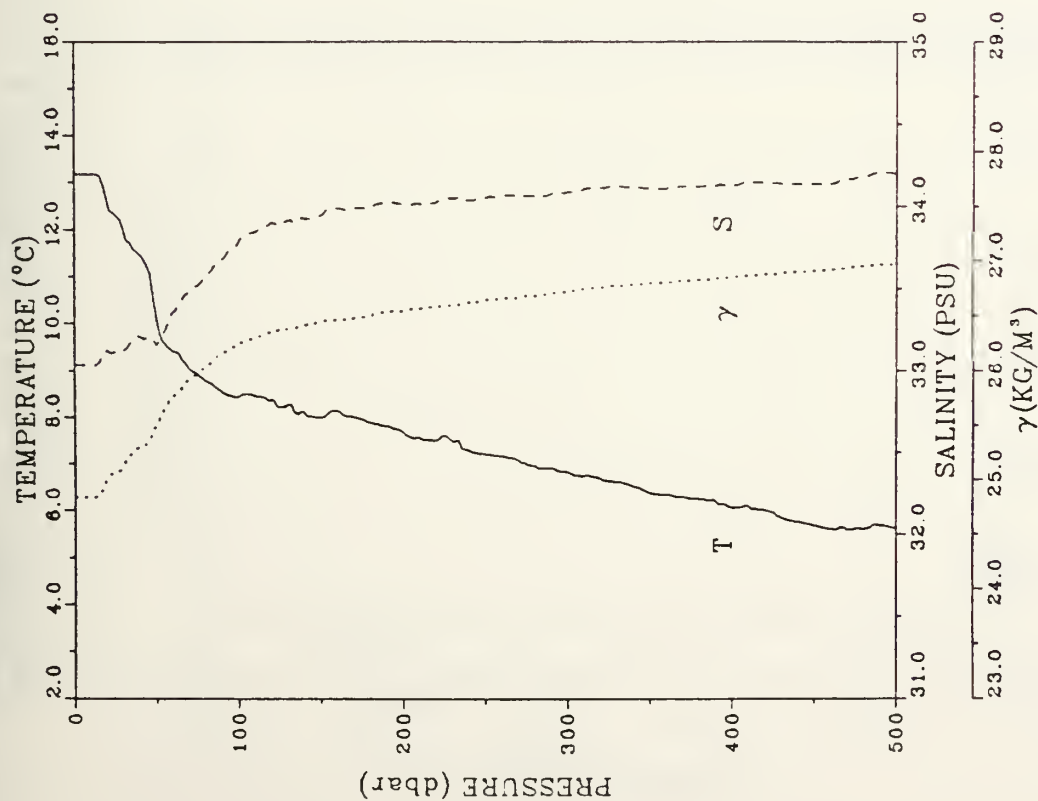
PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	12.282	33.104	25.084	288.7	0.000
8	12.275	33.105	25.066	288.6	0.017
10	12.252	33.109	25.074	288.0	0.029
16	12.235	33.118	25.084	287.2	0.046
20	12.232	33.122	25.088	286.9	0.058
26	11.963	33.169	25.175	278.7	0.075
30	11.400	33.209	25.310	266.0	0.085
36	10.781	33.270	25.468	251.0	0.101
40	10.423	33.261	25.523	245.8	0.111
48	10.100	33.409	25.693	229.7	0.125
50	10.171	33.452	25.715	227.8	0.134
60	9.954	33.460	25.758	223.9	0.157
70	9.125	33.568	25.977	203.1	0.178
80	8.697	33.847	26.108	191.0	0.198
90	8.626	33.713	26.169	185.2	0.217
100	8.478	33.771	26.237	178.9	0.235
128	8.173	33.870	26.361	167.5	0.280
150	7.970	33.905	26.419	162.4	0.320
176	7.900	34.009	26.511	154.1	0.361
200	7.770	34.039	26.553	150.4	0.397
226	7.581	34.050	26.589	147.3	0.436
250	7.299	34.083	26.655	141.3	0.471
276	7.162	34.088	26.674	139.9	0.507
300	7.028	34.111	26.715	136.3	0.540
328	6.705	34.122	26.767	131.5	0.575
350	6.676	34.138	26.782	130.4	0.607
376	6.602	34.153	26.806	128.5	0.640
400	6.393	34.146	26.828	126.8	0.671
426	6.025	34.123	26.857	123.6	0.703
450	5.877	34.121	26.874	122.4	0.733
476	5.712	34.134	26.904	119.7	0.764
500	5.287	34.093	26.923	117.7	0.793



PRESS	TRANS	FLUOR
0	0.58	0.664
6	0.59	1.011
10	0.58	1.405
18	0.58	1.442
20	0.58	1.084
26	0.60	1.594
30	0.52	0.850
36	0.44	0.723
40	0.43	0.457
46	0.40	0.307
50	0.42	0.416
60	0.43	0.393
70	0.38	0.214
80	0.35	0.078
90	0.35	0.076
100	0.35	0.075
126	0.35	0.072
150	0.35	0.075
176	0.35	0.074
200	0.34	0.073
226	0.34	0.069
250	0.33	0.072
276	0.32	0.070
300	0.32	0.068
326	0.32	0.070
350	0.32	0.071
376	0.32	0.071
400	0.32	0.069
426	0.32	0.070
450	0.32	0.066
476	0.32	0.066
500	0.32	0.063

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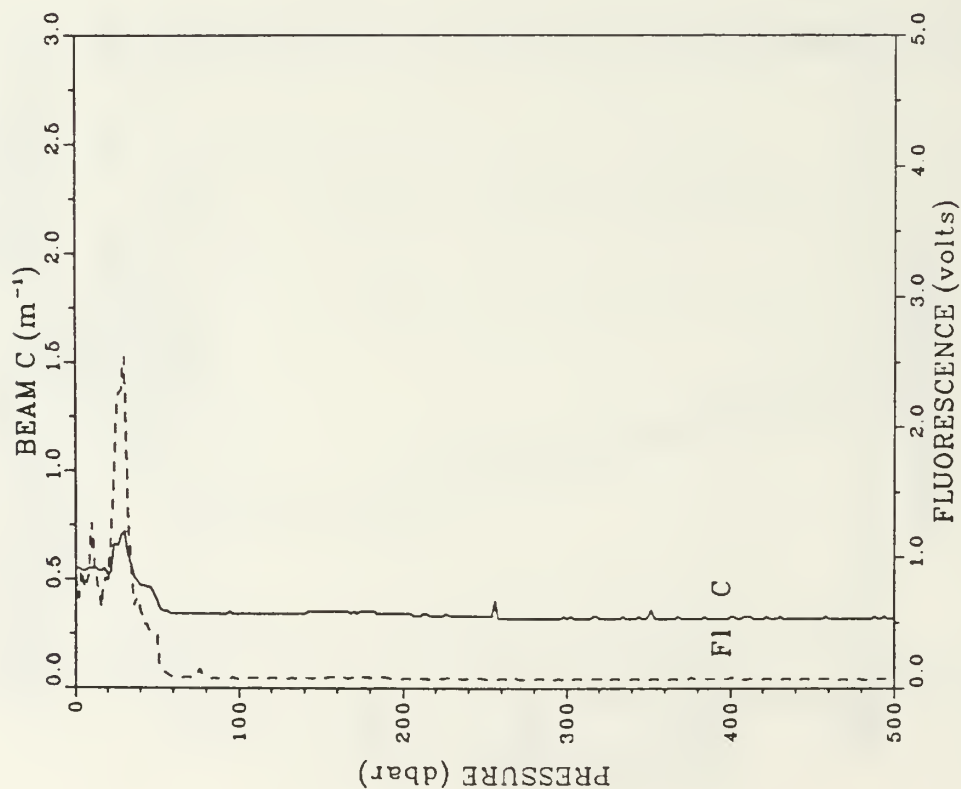
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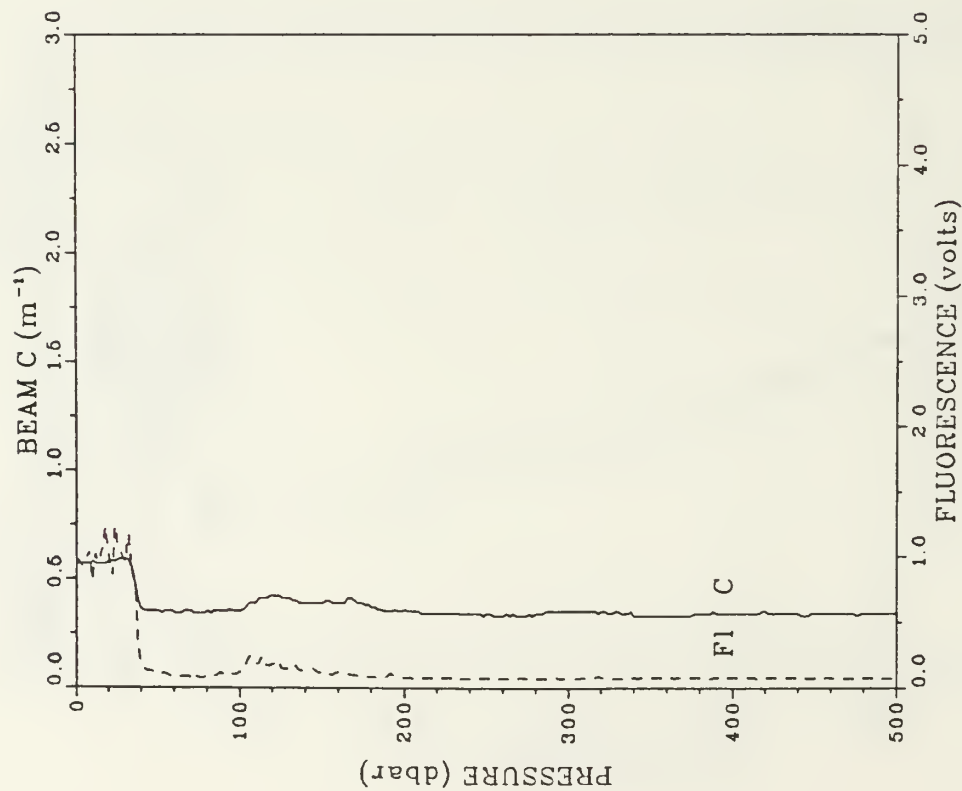
STATION: 120 LAT: 37 55.4 N LON: 123 46.1 W
 DATE: 7/8/88 TIME: 0218Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	13.177	33.030	24.833	310.7	0.000
6	13.177	33.031	24.833	310.8	0.018
10	13.175	33.033	24.835	310.7	0.028
16	13.132	33.055	24.861	308.4	0.047
20	12.667	33.119	25.002	295.1	0.059
28	12.273	33.110	25.070	288.7	0.076
30	11.999	33.123	25.132	282.9	0.088
36	11.580	33.183	25.264	270.4	0.104
40	11.461	33.205	25.295	267.5	0.115
48	11.070	33.197	25.380	261.5	0.131
50	10.147	33.153	25.486	249.5	0.141
60	9.398	33.356	25.768	222.8	0.165
70	9.048	33.483	25.923	208.2	0.186
80	8.778	33.567	26.031	198.1	0.206
90	8.538	33.680	26.157	186.4	0.226
100	8.451	33.772	26.242	178.4	0.244
126	8.220	33.895	26.374	166.3	0.289
150	8.003	33.943	26.444	160.1	0.328
176	7.942	33.989	26.489	156.2	0.369
200	7.680	34.012	26.545	151.1	0.408
226	7.607	34.051	26.586	147.6	0.445
250	7.207	34.052	26.644	142.4	0.480
276	6.992	34.064	26.683	138.9	0.516
300	6.833	34.087	26.723	135.4	0.549
328	6.639	34.120	26.775	130.8	0.584
350	6.391	34.107	26.797	128.8	0.615
376	6.257	34.121	26.826	126.3	0.648
400	6.088	34.125	26.853	123.9	0.678
426	5.949	34.140	26.880	121.6	0.710
450	5.689	34.135	26.908	119.0	0.739
478	5.625	34.174	26.947	115.6	0.769
500	5.610	34.200	26.969	113.8	0.797

PRESS	TRANS	FLUOR
1	0.55	0.854
6	0.54	0.754
10	0.55	1.260
18	0.54	0.611
20	0.52	0.827
26	0.65	2.255
30	0.72	2.542
38	0.51	0.626
40	0.47	0.589
48	0.48	0.420
50	0.40	0.405
60	0.34	0.082
70	0.34	0.078
80	0.34	0.080
90	0.34	0.089
100	0.34	0.068
128	0.34	0.072
150	0.35	0.080
178	0.35	0.081
200	0.34	0.072
226	0.34	0.076
250	0.33	0.067
278	0.32	0.069
300	0.32	0.071
328	0.32	0.068
350	0.33	0.065
378	0.32	0.086
400	0.33	0.084
428	0.32	0.070
450	0.32	0.071
478	0.32	0.071
500	0.32	0.070

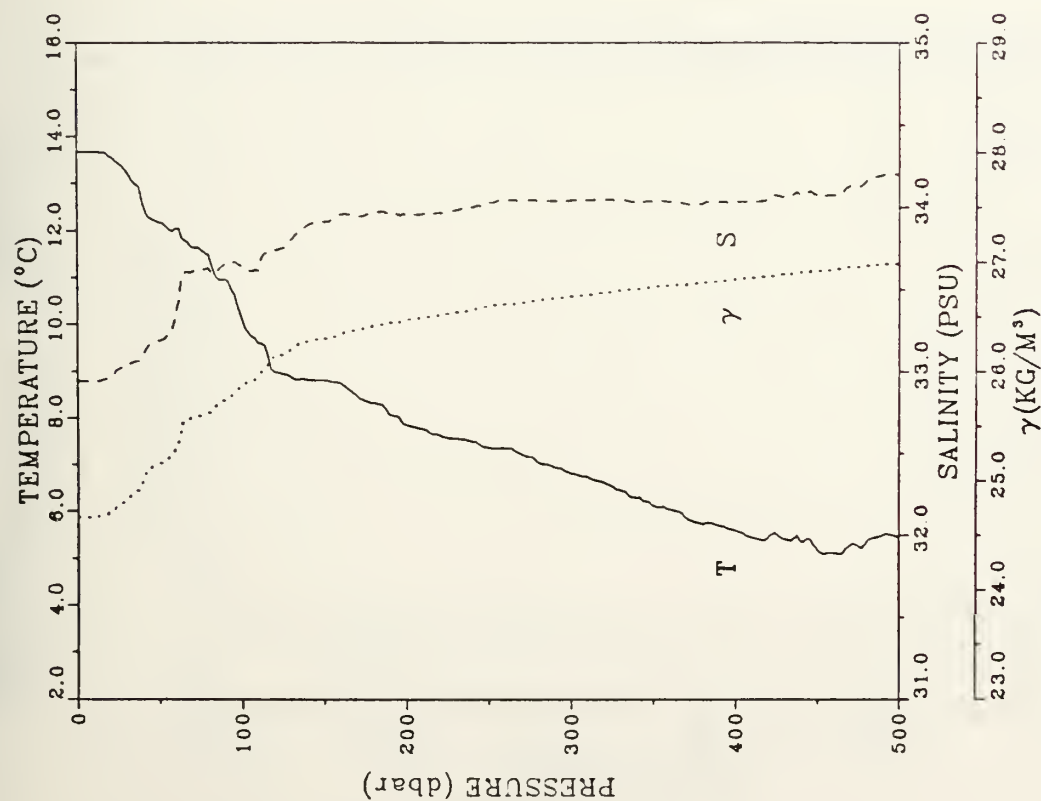


STATION: 120 LAT: 37 55.4 N LON: 123 46.1 W
 DATE: 7/8/88 TIME: 0218Z



PRESS	TRANS	FLUOR
1	0.57	0.980
6	0.57	0.962
10	0.56	0.616
16	0.57	1.056
20	0.58	1.026
26	0.59	1.056
30	0.59	0.952
36	0.46	0.792
40	0.36	0.185
46	0.35	0.127
50	0.35	0.117
60	0.34	0.061
70	0.35	0.077
80	0.35	0.092
90	0.35	0.099
100	0.35	0.119
126	0.41	0.147
150	0.39	0.119
176	0.36	0.069
200	0.36	0.077
226	0.34	0.076
250	0.34	0.073
276	0.34	0.074
300	0.35	0.073
326	0.34	0.073
350	0.33	0.077
376	0.34	0.074
400	0.34	0.079
426	0.34	0.076
450	0.34	0.074
476	0.33	0.072
500	0.34	0.073

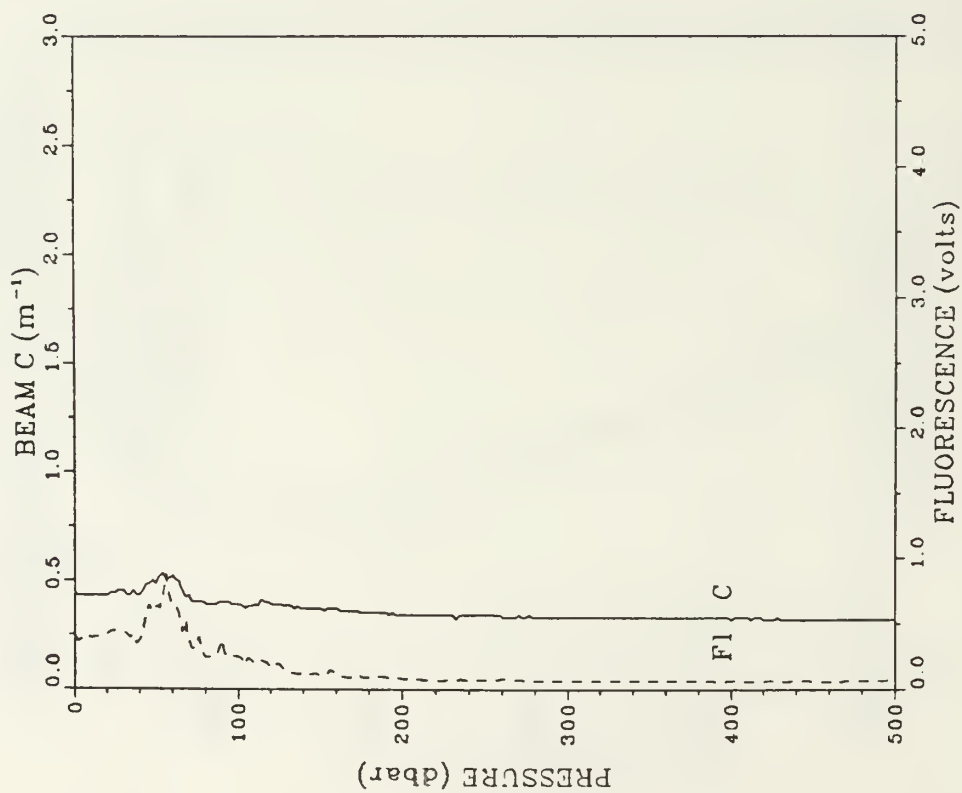
STATION: 121 LAT: 37 43.8 N LON: 123 36.6 W
 DATE: 7/8/88 TIME: 0418Z



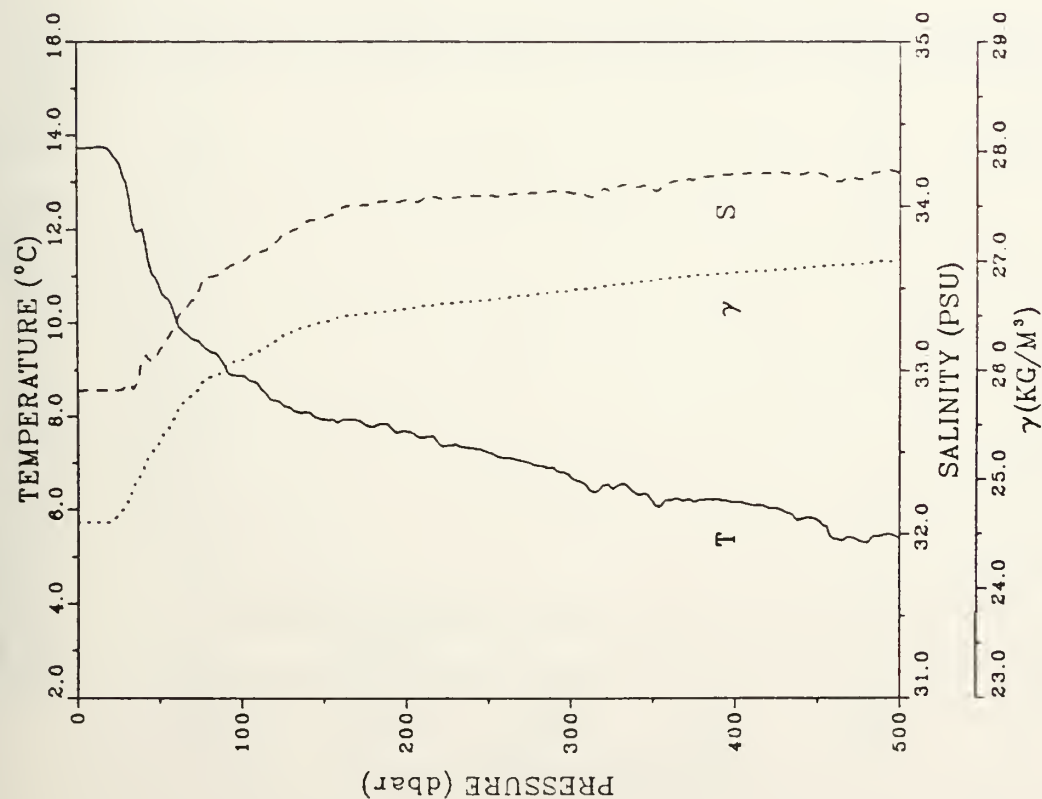
PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	13.679	32.938	24.661	327.1	0.000
6	13.679	32.939	24.681	327.2	0.016
10	13.679	32.939	24.681	327.3	0.029
18	13.654	32.947	24.673	328.3	0.049
20	13.574	32.969	24.706	323.3	0.062
26	13.398	33.017	24.778	316.5	0.081
30	13.267	33.038	24.821	312.6	0.094
36	12.970	33.060	24.897	305.5	0.112
40	12.805	33.085	24.987	296.9	0.124
48	12.237	33.173	25.126	283.8	0.142
50	12.171	33.185	25.148	281.8	0.153
60	12.044	33.341	25.293	268.3	0.181
70	11.631	33.607	25.577	241.5	0.206
80	11.468	33.622	25.618	237.7	0.230
90	10.951	33.657	25.739	226.4	0.253
100	10.108	33.638	25.871	214.0	0.275
126	8.921	33.758	26.157	187.1	0.327
150	8.800	33.908	26.295	174.4	0.371
176	8.359	33.952	26.397	165.0	0.415
200	7.839	33.950	26.473	158.0	0.454
226	7.577	33.972	26.528	153.1	0.494
250	7.365	34.023	26.599	146.7	0.530
276	7.169	34.044	26.643	142.8	0.568
300	6.813	34.041	26.689	138.8	0.602
328	6.531	34.042	26.727	135.1	0.637
350	6.127	34.031	26.771	131.0	0.669
376	5.773	34.017	26.804	127.9	0.703
400	5.590	34.033	26.839	124.8	0.733
428	5.490	34.067	26.878	121.3	0.765
450	5.218	34.070	26.913	118.0	0.794
476	5.236	34.125	26.954	114.4	0.824
500	5.437	34.194	26.985	112.0	0.851

STATION: 122 LAT: 37 39.8 N LON: 124 4.9 W
DATE: 7/8/88 TIME: 0830Z

PRESS	TRANS	FLUOR
1	0.44	0.404
6	0.43	0.389
10	0.43	0.389
16	0.43	0.387
20	0.43	0.422
26	0.45	0.449
30	0.45	0.430
36	0.45	0.412
40	0.43	0.372
48	0.48	0.642
50	0.48	0.631
60	0.52	0.643
70	0.43	0.371
80	0.39	0.245
90	0.40	0.375
100	0.39	0.240
126	0.39	0.180
150	0.37	0.108
176	0.35	0.088
200	0.34	0.079
226	0.34	0.068
250	0.34	0.071
276	0.34	0.068
300	0.33	0.063
326	0.33	0.063
350	0.33	0.062
376	0.33	0.062
400	0.32	0.066
426	0.32	0.063
450	0.32	0.059
476	0.32	0.063
500	0.32	0.069



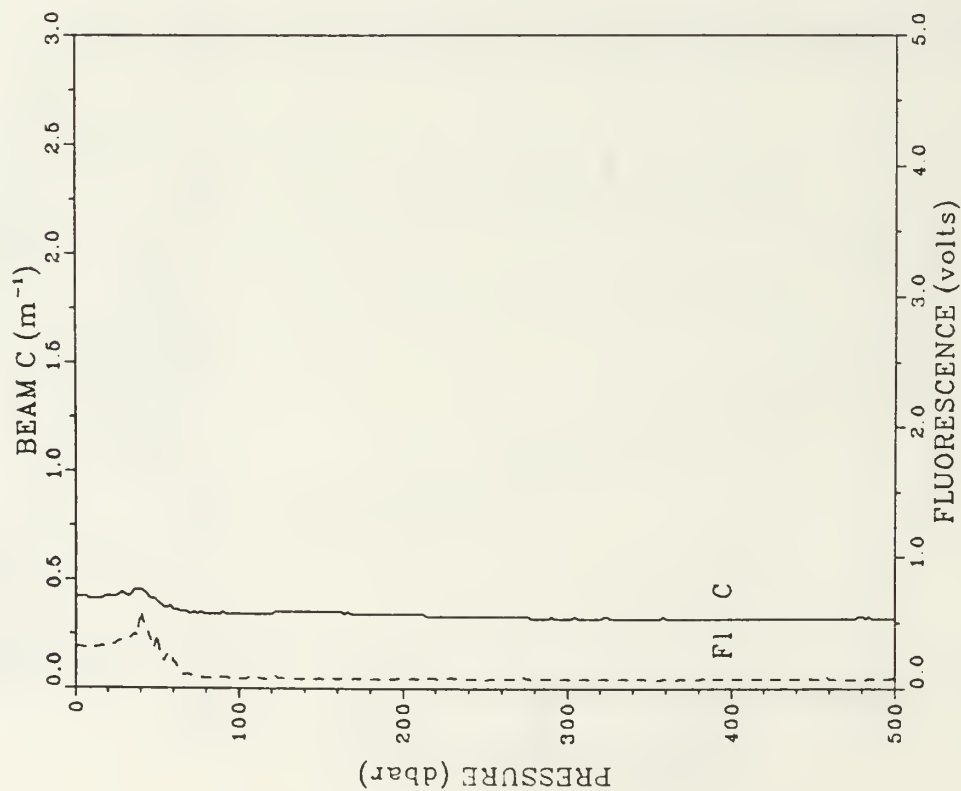
STATION: 122 LAT: 37 39.8 N LON: 124 4.9 W
 DATE: 7/8/88 TIME: 0830Z



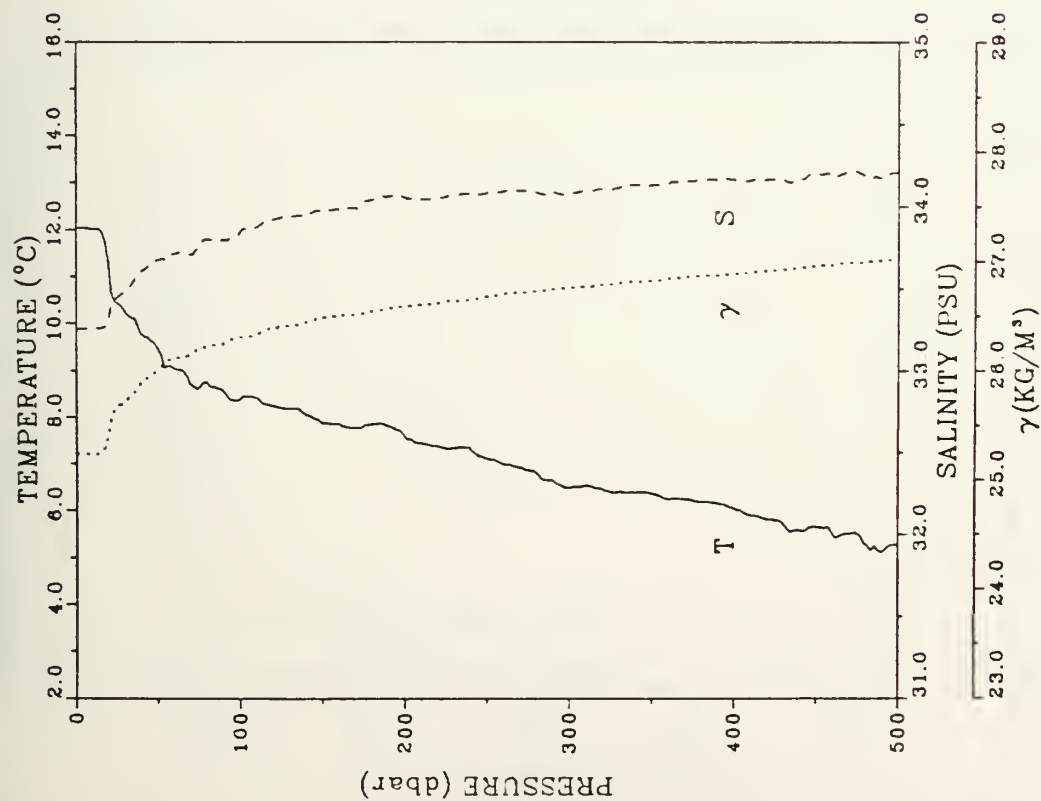
STATION: 123 LAT: 37 51.2 N LON: 124 13.7 W
DATE: 7/6/88 TIME: 1111Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	13.728	32.872	24.600	332.9	0.000
6	13.739	32.874	24.599	333.1	0.020
10	13.754	32.876	24.597	333.4	0.033
18	13.754	32.877	24.598	333.4	0.053
20	13.691	32.872	24.607	332.7	0.067
26	13.362	32.880	24.676	326.3	0.086
30	12.987	32.916	24.782	316.2	0.099
36	11.949	32.908	24.975	296.0	0.118
40	12.019	33.064	25.083	287.8	0.129
46	11.044	33.053	25.252	271.7	0.146
50	10.835	33.105	25.330	264.4	0.157
60	10.131	33.278	25.586	240.2	0.182
70	9.663	33.424	25.778	222.1	0.205
80	9.404	33.566	25.931	207.7	0.227
90	9.093	33.610	26.015	199.9	0.247
100	8.874	33.660	26.089	193.0	0.267
126	8.224	33.837	26.327	170.7	0.314
150	7.941	33.930	26.443	160.1	0.354
178	7.820	34.005	26.519	153.3	0.394
200	7.692	34.035	26.561	149.6	0.431
226	7.401	34.051	26.616	144.6	0.469
250	7.246	34.058	26.643	142.5	0.504
278	7.016	34.081	26.693	138.0	0.540
300	6.762	34.082	26.728	134.9	0.573
328	6.478	34.107	26.786	129.6	0.607
350	6.210	34.107	26.821	126.4	0.638
376	6.201	34.167	26.869	122.2	0.670
400	6.178	34.195	26.894	120.1	0.699
428	6.042	34.203	26.918	116.1	0.730
450	5.779	34.200	26.948	115.3	0.758
476	5.331	34.164	26.974	112.7	0.788
500	5.400	34.196	26.991	111.4	0.815

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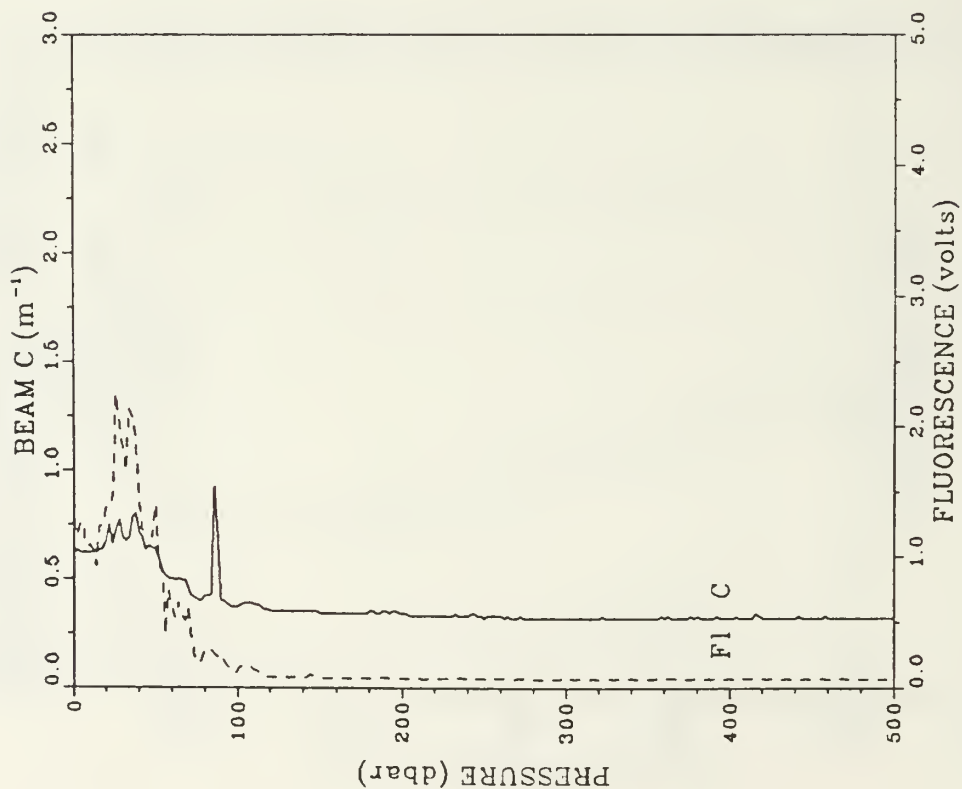


STATION: 123 LAT: 37 51.2 N LON: 124 13.7 W
 DATE: 7/8/88 TIME: 1111Z



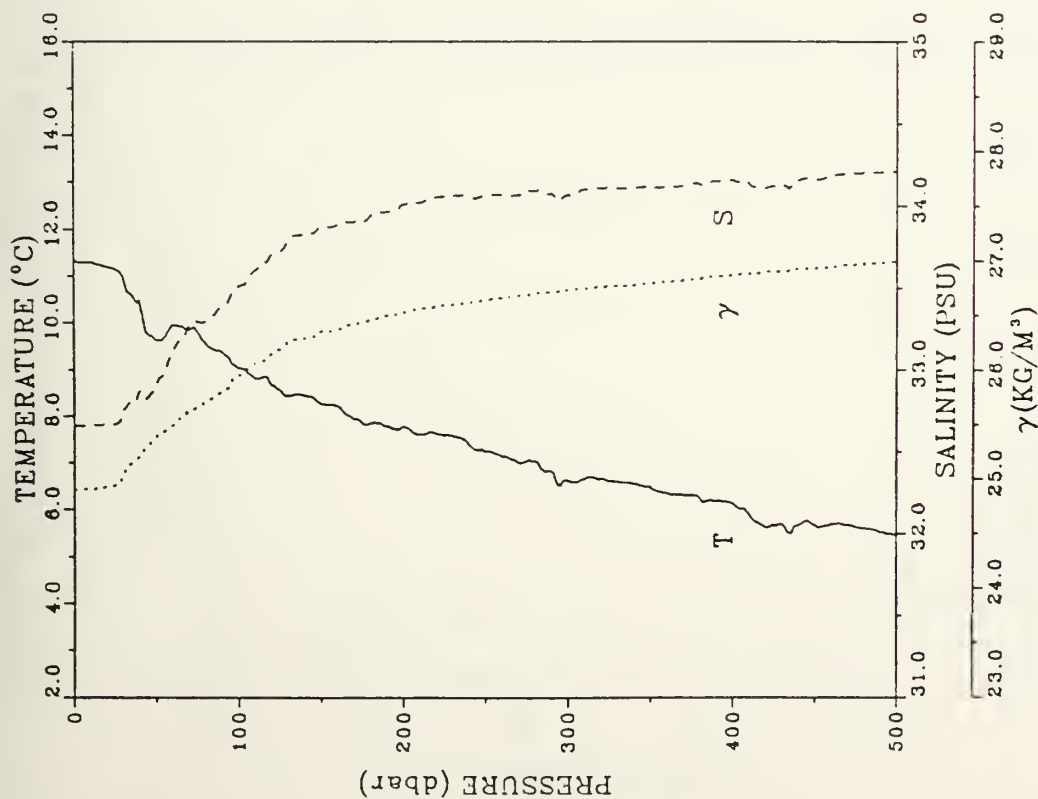
STATION: 924 LAT: 38 3.1 N LON: 124 23.3 W
DATE: 7/8/88 TIME: 1423Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	12.026	33.255	25.230	272.9	0.000
6	12.022	33.255	25.230	273.0	0.014
10	12.020	33.256	25.232	273.0	0.025
16	11.942	33.264	25.252	271.1	0.041
20	11.320	33.317	25.408	258.4	0.051
26	10.396	33.453	25.677	230.9	0.066
30	10.252	33.477	25.721	226.8	0.075
36	10.109	33.553	25.804	219.0	0.089
40	9.789	33.606	25.903	209.7	0.097
48	9.636	33.655	25.963	204.1	0.110
50	9.495	33.671	25.998	200.8	0.118
60	9.027	33.711	26.105	190.8	0.137
70	8.699	33.704	26.151	186.6	0.156
80	8.739	33.797	26.217	180.5	0.174
90	8.580	33.796	26.244	178.1	0.192
100	8.375	33.832	26.301	172.8	0.210
126	8.193	33.935	26.409	163.0	0.254
150	7.880	33.980	26.491	155.6	0.292
176	7.844	34.031	26.536	151.7	0.332
200	7.613	34.051	26.585	147.3	0.368
226	7.331	34.061	26.633	143.0	0.405
250	7.130	34.080	26.676	139.2	0.439
276	6.864	34.093	26.723	135.1	0.475
300	6.511	34.078	26.759	131.8	0.507
326	6.405	34.103	26.792	128.9	0.541
350	6.369	34.133	26.820	126.6	0.571
376	6.208	34.156	26.859	123.1	0.604
400	6.057	34.163	26.884	121.0	0.633
426	5.800	34.166	26.919	117.8	0.664
450	5.653	34.192	26.957	114.3	0.692
476	5.501	34.210	26.990	111.4	0.721
500	5.260	34.207	27.017	106.9	0.748



PRESS	TRANS	FLUOR
1	0.62	1.281
6	0.62	1.257
10	0.62	1.092
16	0.63	1.233
20	0.67	1.379
26	0.73	2.250
30	0.69	1.847
36	0.78	2.075
40	0.71	1.436
46	0.65	1.181
50	0.64	1.398
60	0.50	0.609
70	0.48	0.802
80	0.42	0.285
90	0.40	0.248
100	0.37	0.121
126	0.35	0.085
150	0.34	0.075
176	0.34	0.072
200	0.34	0.071
226	0.33	0.071
250	0.32	0.068
276	0.32	0.078
300	0.32	0.086
326	0.32	0.068
350	0.32	0.065
376	0.33	0.068
400	0.32	0.068
426	0.32	0.070
450	0.32	0.064
476	0.32	0.066
500	0.32	0.066

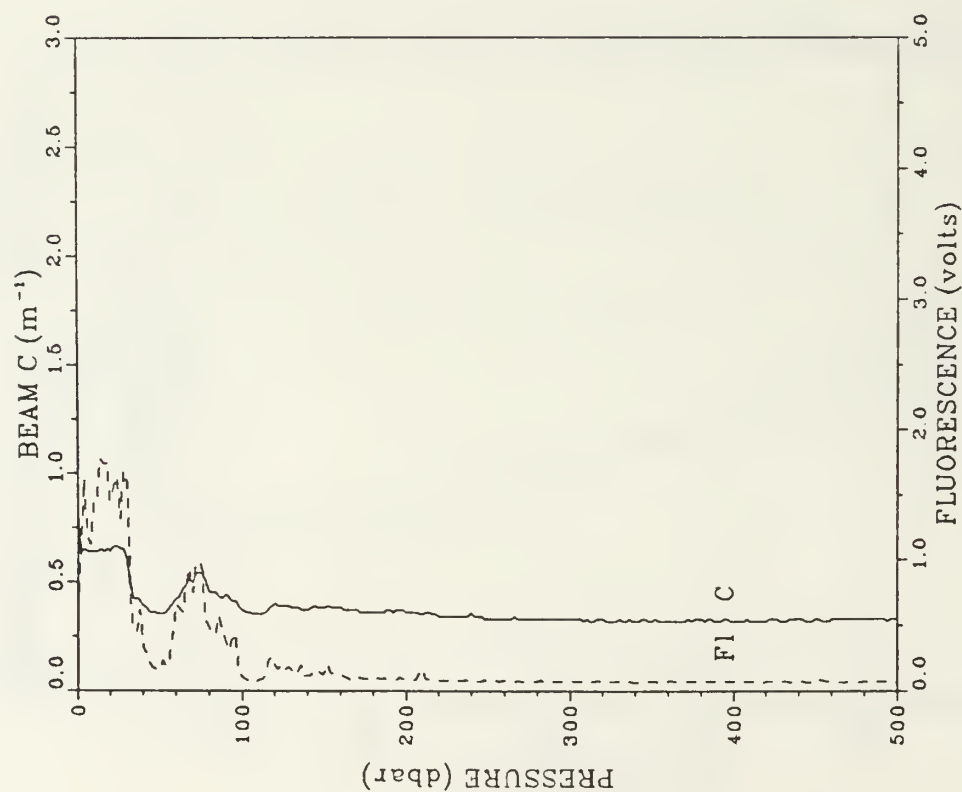
STATION: 924 LAT: 38 3.1 N LON: 124 23.3 W
 DATE: 7/6/88 TIME: 1423Z

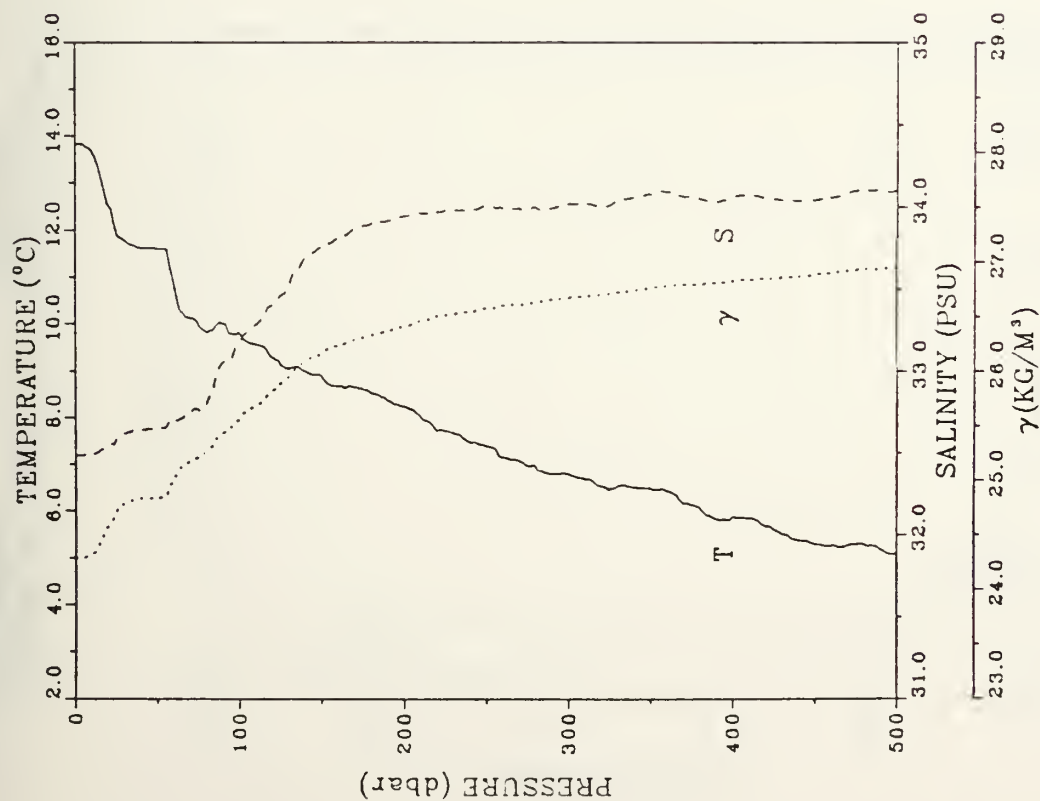


STATION: 125 LAT: 38 14.7 N LON: 124 30.6 W
 DATE: 7/8/88 TIME: 1711Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	11.308	32.655	24.896	304.7	0.000
6	11.294	32.657	24.900	304.5	0.015
10	11.289	32.658	24.901	304.4	0.027
16	11.241	32.660	24.911	303.5	0.046
20	11.189	32.663	24.923	302.6	0.058
26	11.120	32.671	24.942	300.9	0.076
30	10.976	32.749	25.028	292.7	0.088
36	10.579	32.807	25.142	282.0	0.105
40	10.481	32.868	25.207	275.9	0.116
46	9.724	32.837	25.309	266.2	0.132
50	9.636	32.907	25.378	259.7	0.143
60	9.951	33.114	25.488	249.5	0.168
70	9.855	33.275	25.630	236.2	0.193
80	9.555	33.294	25.694	230.3	0.216
90	9.371	33.383	25.793	221.0	0.239
100	9.035	33.507	25.944	206.8	0.260
126	8.525	33.724	26.193	183.5	0.311
150	8.280	33.878	26.351	168.9	0.353
178	7.834	33.900	26.435	161.3	0.396
200	7.786	34.006	26.525	153.1	0.434
226	7.612	34.050	26.589	147.3	0.473
250	7.269	34.055	26.637	143.0	0.507
276	7.080	34.090	26.691	138.2	0.544
300	6.650	34.066	26.731	134.6	0.577
326	6.622	34.106	26.766	131.6	0.611
350	6.486	34.119	26.794	129.1	0.643
376	6.318	34.135	26.829	126.1	0.676
400	6.148	34.158	26.869	122.5	0.706
426	5.666	34.123	26.901	119.3	0.737
450	5.685	34.162	26.930	116.9	0.765
476	5.624	34.201	26.968	113.6	0.795
500	5.461	34.210	26.995	111.1	0.822

PRESS	TRANS	FLUOR
1	0.79	0.745
6	0.64	1.200
10	0.64	1.479
18	0.64	1.736
20	0.64	1.451
26	0.65	1.311
30	0.60	1.601
36	0.42	0.443
40	0.39	0.336
46	0.36	0.175
50	0.35	0.153
60	0.42	0.660
70	0.49	0.746
80	0.45	0.480
90	0.44	0.383
100	0.37	0.109
126	0.39	0.159
150	0.38	0.121
176	0.36	0.092
200	0.36	0.062
226	0.34	0.074
250	0.33	0.076
276	0.33	0.073
300	0.33	0.073
326	0.32	0.073
350	0.32	0.069
376	0.33	0.070
400	0.32	0.069
426	0.33	0.068
450	0.33	0.067
476	0.33	0.067
500	0.33	0.065

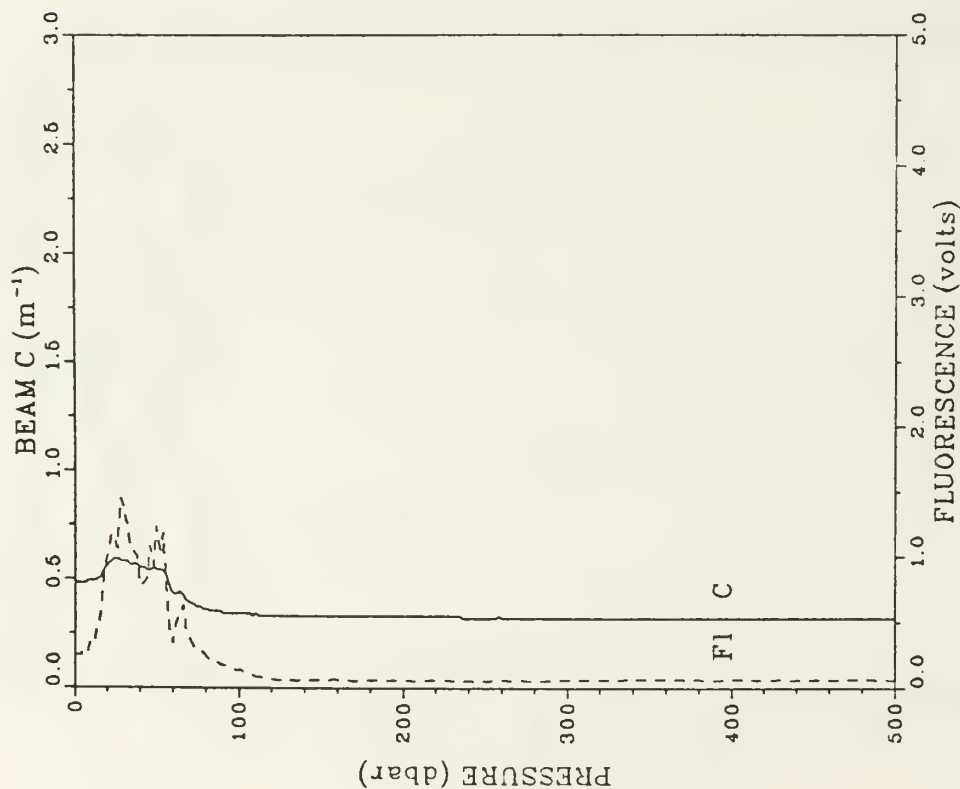




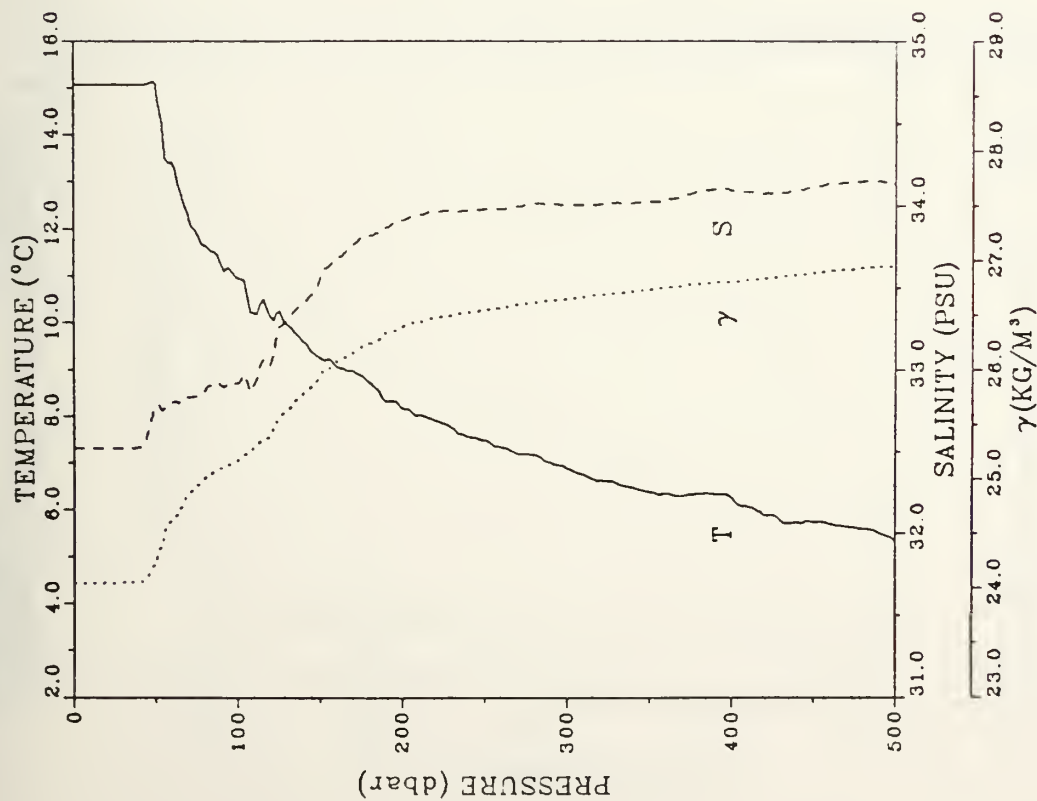
PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	13.825	32.485	24.281	363.3	0.000
6	13.788	32.486	24.290	362.6	0.022
10	13.686	32.490	24.313	360.5	0.036
18	13.107	32.518	24.450	347.5	0.057
20	12.584	32.548	24.578	335.4	0.071
26	11.865	32.596	24.748	319.3	0.091
30	11.778	32.614	24.778	316.5	0.103
38	11.661	32.635	24.818	313.1	0.122
40	11.625	32.640	24.828	312.1	0.135
48	11.613	32.643	24.831	311.8	0.154
50	11.604	32.646	24.835	311.5	0.166
60	10.932	32.698	24.996	296.4	0.196
70	10.128	32.736	25.164	280.5	0.225
80	9.819	32.796	25.262	271.3	0.253
90	10.009	33.054	25.432	255.4	0.279
100	9.840	33.171	25.551	244.2	0.304
126	9.119	33.464	25.897	211.7	0.364
150	8.894	33.764	26.187	186.5	0.411
178	8.800	33.888	26.309	173.5	0.458
200	8.241	33.942	26.407	164.4	0.499
226	7.718	33.978	26.513	154.6	0.540
250	7.390	34.001	26.578	148.7	0.577
276	6.971	33.984	26.623	144.6	0.615
300	6.815	34.019	26.671	140.2	0.649
326	6.507	34.017	26.711	136.7	0.685
350	6.487	34.076	26.760	132.4	0.717
378	6.136	34.059	26.792	129.4	0.751
400	5.890	34.059	26.823	126.6	0.782
428	5.589	34.048	26.850	124.1	0.814
450	5.288	34.044	26.884	120.8	0.844
476	5.299	34.100	26.927	117.1	0.875
500	5.080	34.096	26.950	115.0	0.903

STATION: 126 LAT: 38 25.9 N LON: 124 38.9 W
DATE: 7/8/88 TIME: 2030Z

PRESS	TRANS	FLUOR
0	0.48	0.249
8	0.48	0.302
10	0.49	0.350
18	0.51	0.558
20	0.58	0.999
28	0.59	1.060
30	0.58	1.372
38	0.57	1.041
40	0.55	0.777
48	0.54	1.084
50	0.54	1.227
80	0.43	0.339
70	0.39	0.378
80	0.36	0.243
90	0.34	0.189
100	0.34	0.137
128	0.33	0.058
150	0.33	0.061
178	0.33	0.055
200	0.33	0.055
228	0.33	0.057
250	0.32	0.055
278	0.32	0.054
300	0.32	0.081
328	0.32	0.081
350	0.32	0.082
378	0.32	0.081
400	0.32	0.060
428	0.32	0.080
450	0.32	0.082
478	0.32	0.064
500	0.32	0.061



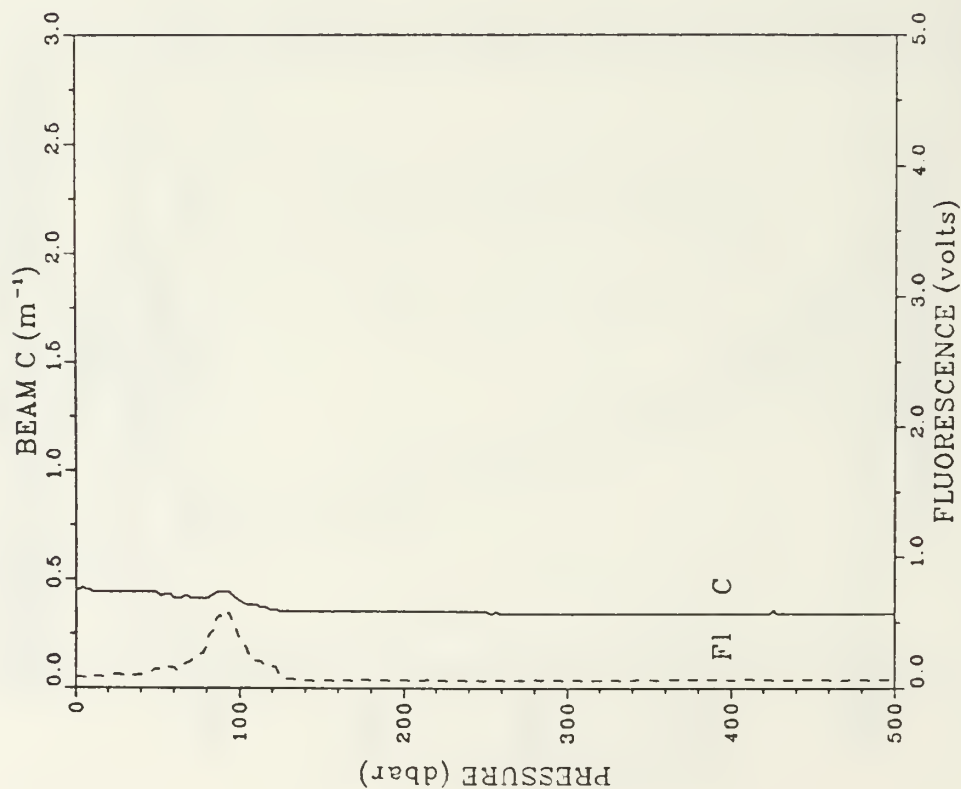
STATION: 126 LAT: 38 25.9 N LON: 124 38.9 W
 DATE: 7/8/88 TIME: 2030Z



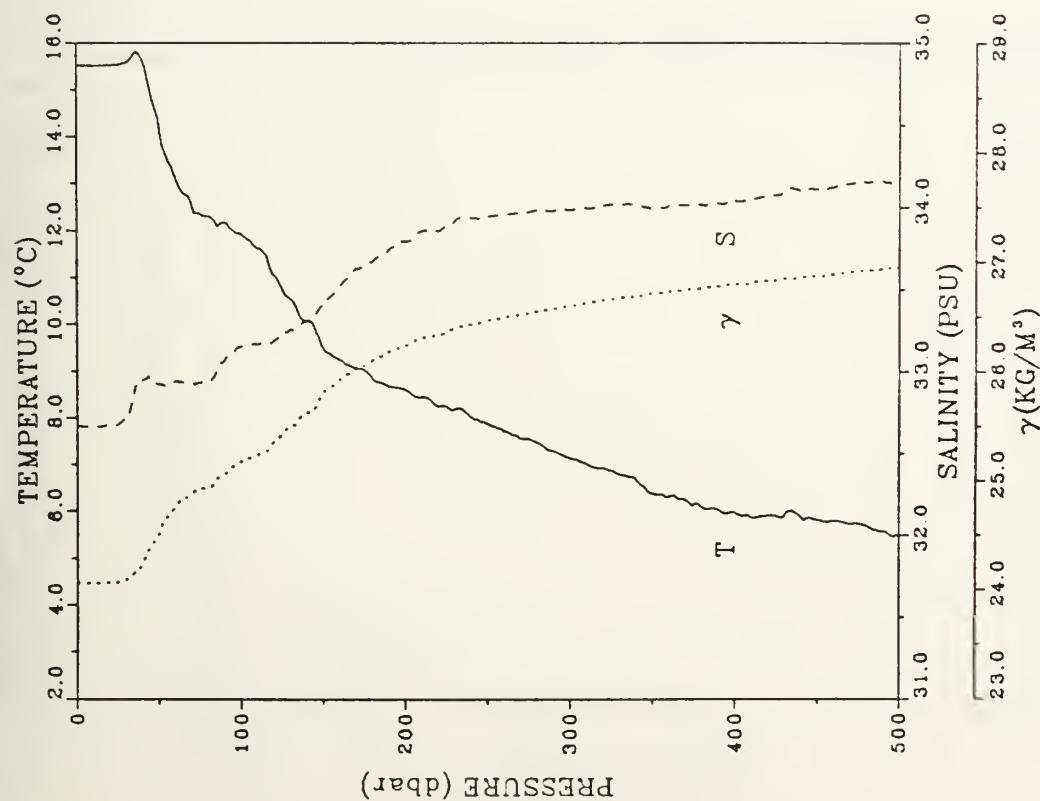
STATION: 127 LAT: 38 37.8 N LONG: 124 47.5 W
 DATE: 7/9/88 TIME: 0000Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.069	32.516	24.044	385.9	0.000
6	15.071	32.517	24.044	386.0	0.023
10	15.071	32.517	24.044	386.1	0.039
16	15.071	32.517	24.044	386.3	0.062
20	15.088	32.518	24.045	386.2	0.077
26	15.071	32.519	24.045	386.4	0.100
30	15.073	32.519	24.045	386.5	0.116
36	15.075	32.520	24.045	386.7	0.139
40	15.074	32.522	24.047	386.6	0.155
48	15.108	32.628	24.121	379.7	0.178
50	15.076	32.774	24.241	368.4	0.192
60	13.421	32.797	24.804	334.0	0.228
70	12.325	32.828	24.842	311.4	0.260
80	11.636	32.868	25.002	296.3	0.290
90	11.265	32.899	25.093	287.8	0.319
100	10.952	32.916	25.162	281.4	0.348
126	10.243	33.262	25.554	244.5	0.418
150	9.253	33.533	25.930	209.1	0.471
178	8.882	33.615	26.212	182.7	0.522
200	8.167	33.912	26.385	165.6	0.563
228	7.636	33.969	26.489	157.0	0.605
250	7.498	33.979	26.545	151.8	0.642
278	7.206	34.008	26.608	146.2	0.681
300	6.899	34.004	26.648	142.5	0.716
328	6.828	34.017	26.695	138.3	0.752
350	6.391	34.025	26.732	134.9	0.785
376	6.337	34.072	26.776	131.0	0.820
400	6.274	34.090	26.799	129.2	0.851
428	5.877	34.077	26.839	125.4	0.884
450	5.734	34.115	26.887	121.0	0.914
476	5.614	34.141	26.922	117.9	0.945
500	5.341	34.137	26.951	115.1	0.973

PRESS	TRANS	FLUOR
0	0.45	0.080
6	0.45	0.080
10	0.44	0.084
16	0.44	0.086
20	0.44	0.091
26	0.44	0.101
30	0.44	0.093
36	0.44	0.093
40	0.44	0.088
46	0.44	0.119
50	0.43	0.139
60	0.41	0.150
70	0.41	0.197
80	0.41	0.317
90	0.44	0.529
100	0.40	0.381
126	0.35	0.081
150	0.35	0.055
176	0.35	0.061
200	0.35	0.060
226	0.35	0.054
250	0.35	0.056
276	0.34	0.060
300	0.34	0.058
326	0.34	0.060
350	0.34	0.062
376	0.34	0.065
400	0.34	0.058
426	0.36	0.064
450	0.34	0.063
476	0.34	0.069
500	0.34	0.064



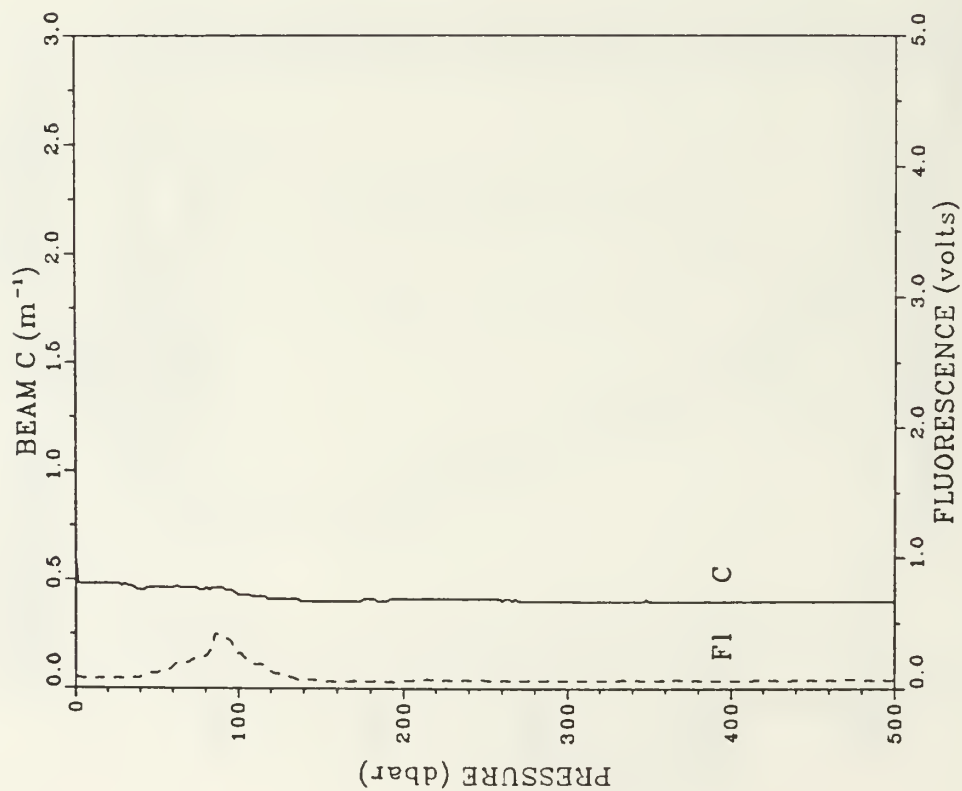
STATION: 127 LAT: 38 37.8 N LON: 124 47.5 W
DATE: 7/9/88 TIME: 0000Z



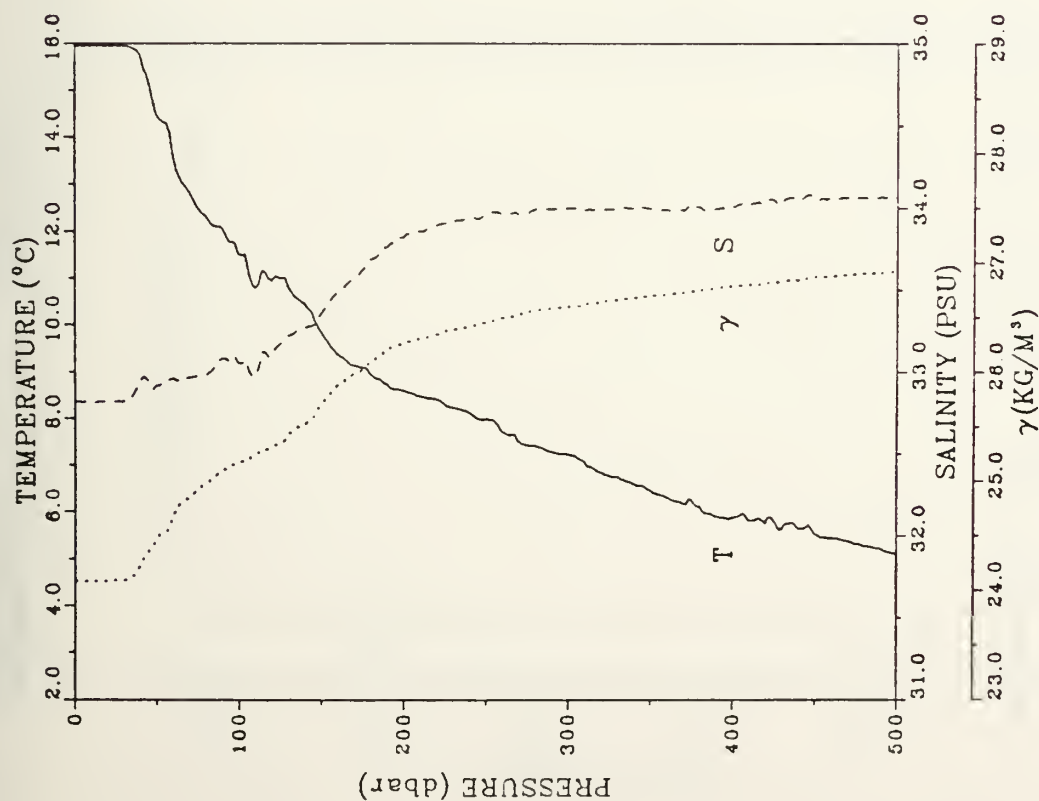
STATION: 128 LAT: 38 49.2 N LON: 124 56.1 W
DATE: 7/9/88 TIME: 0318Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.514	32.683	24.060	384.4	0.000
6	15.515	32.658	24.058	384.9	0.019
10	15.515	32.658	24.058	385.0	0.035
16	15.519	32.682	24.058	385.0	0.058
20	15.518	32.680	24.058	385.2	0.073
28	15.546	32.684	24.069	384.2	0.096
30	15.573	32.709	24.082	383.0	0.112
38	15.812	32.911	24.184	373.5	0.134
40	15.868	32.943	24.241	368.1	0.149
46	14.842	32.928	24.410	352.2	0.171
50	14.399	32.921	24.498	343.8	0.185
60	13.158	32.941	24.788	318.3	0.218
70	12.509	32.929	24.888	309.0	0.249
80	12.303	32.941	24.934	302.9	0.280
90	12.176	33.063	25.052	291.8	0.309
100	11.925	33.149	25.168	281.2	0.338
126	10.730	33.228	25.444	255.1	0.408
150	9.529	33.418	25.794	222.1	0.485
178	9.012	33.844	26.055	197.8	0.520
200	8.009	33.794	26.235	180.8	0.565
226	8.213	33.889	26.370	168.4	0.610
250	7.891	33.943	26.460	180.1	0.650
278	7.558	33.973	26.532	153.5	0.691
300	7.145	33.985	26.600	147.3	0.727
326	6.876	34.018	26.662	141.5	0.764
350	6.384	33.893	26.708	137.2	0.798
378	6.175	34.020	26.758	132.8	0.833
400	5.984	34.037	26.794	129.4	0.864
426	5.883	34.078	26.837	125.5	0.897
450	5.828	34.112	26.873	122.4	0.927
476	5.734	34.154	26.917	118.5	0.958
500	5.480	34.153	26.948	115.8	0.987

PRESS	TRANS	FLUOR
1	0.58	0.080
6	0.48	0.074
10	0.48	0.072
16	0.48	0.073
20	0.48	0.082
26	0.48	0.074
30	0.48	0.075
36	0.48	0.074
40	0.45	0.082
46	0.48	0.113
50	0.46	0.116
60	0.46	0.164
70	0.48	0.198
80	0.46	0.247
90	0.48	0.391
100	0.43	0.265
126	0.41	0.101
150	0.40	0.055
176	0.41	0.053
200	0.41	0.058
226	0.41	0.064
250	0.41	0.058
276	0.40	0.060
300	0.40	0.057
326	0.40	0.061
350	0.40	0.062
376	0.40	0.059
400	0.40	0.061
426	0.40	0.063
450	0.40	0.088
476	0.40	0.067
500	0.40	0.065



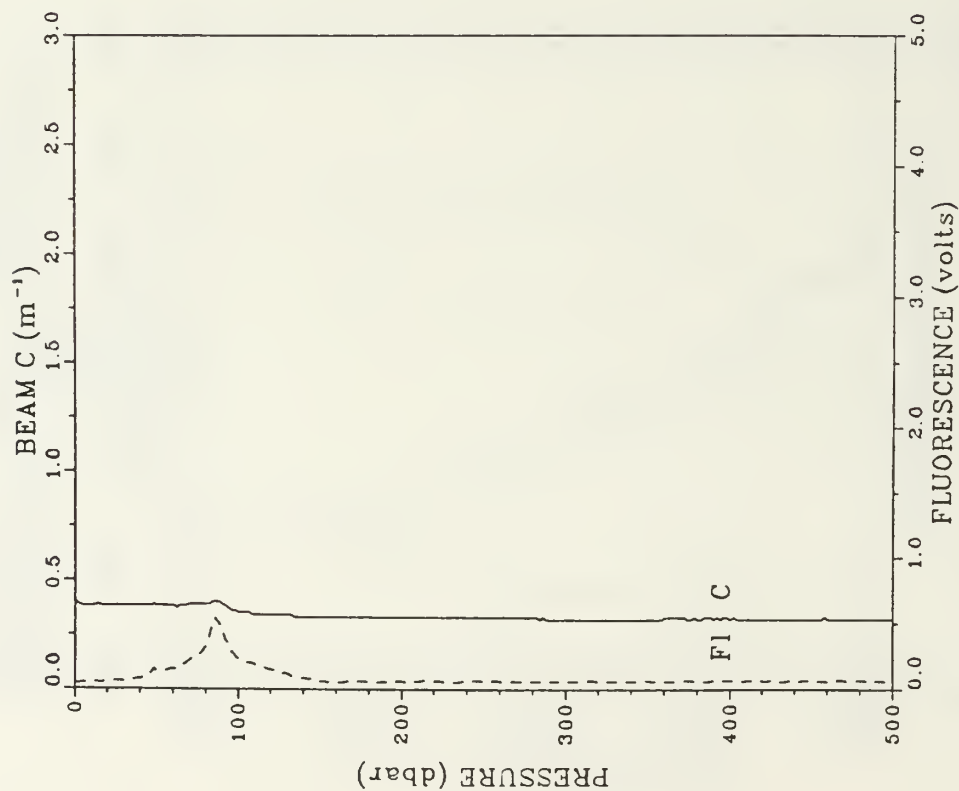
STATION: 128 LAT: 38 49.2 N LON: 124 56.1 W
 DATE: 7/9/88 TIME: 0318Z



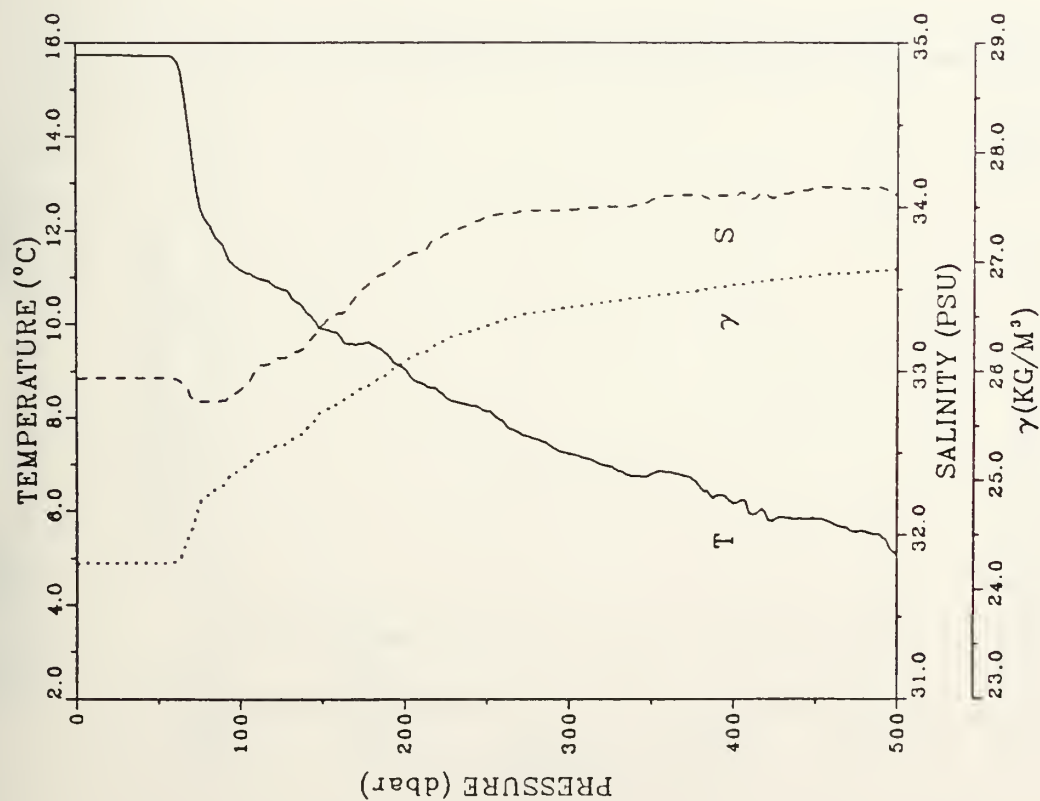
STATION: 133 LAT: 38 46.2 N LON: 125 22.6 W
 DATE: 7/9/88 TIME: 1618Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.945	32.815	24.081	382.4	0.000
6	15.946	32.815	24.081	382.5	0.019
10	15.945	32.814	24.080	382.7	0.034
16	15.945	32.815	24.081	382.8	0.057
20	15.945	32.816	24.082	382.8	0.073
26	15.943	32.816	24.082	383.0	0.096
30	15.938	32.819	24.086	382.7	0.111
36	15.879	32.860	24.130	378.6	0.134
40	15.753	32.948	24.226	369.6	0.149
48	15.078	32.938	24.365	356.4	0.171
50	14.498	32.913	24.471	346.4	0.185
60	13.623	32.959	24.688	325.9	0.218
70	12.828	32.964	24.850	310.7	0.250
80	12.301	32.984	24.967	299.7	0.281
90	12.049	33.081	25.090	286.2	0.310
100	11.492	33.054	25.172	280.5	0.338
128	11.008	33.177	25.356	263.8	0.409
150	9.839	33.354	25.694	231.6	0.469
176	9.099	33.629	26.029	200.1	0.525
200	8.593	33.824	26.261	178.4	0.570
226	8.279	33.907	26.374	168.0	0.615
250	8.023	33.964	26.457	160.4	0.655
276	7.425	33.967	26.546	152.1	0.695
300	7.238	33.999	26.598	147.5	0.731
328	6.787	33.991	26.656	142.1	0.769
350	6.479	33.999	26.700	136.0	0.802
376	6.236	34.009	26.740	134.4	0.838
400	5.890	34.007	26.782	130.4	0.870
428	5.778	34.036	26.819	127.2	0.903
450	5.521	34.064	26.872	122.2	0.933
476	5.323	34.064	26.896	120.0	0.964
500	5.095	34.064	26.922	117.5	0.993

PRESS	TRANS	FLUOR
1	0.40	0.043
6	0.38	0.045
10	0.38	0.045
16	0.38	0.048
20	0.38	0.053
26	0.38	0.056
30	0.38	0.061
36	0.38	0.070
40	0.38	0.078
46	0.38	0.101
50	0.38	0.136
60	0.38	0.148
70	0.39	0.215
80	0.39	0.324
90	0.39	0.457
100	0.35	0.228
128	0.34	0.128
150	0.33	0.060
176	0.33	0.056
200	0.33	0.061
226	0.33	0.055
250	0.33	0.063
276	0.33	0.060
300	0.32	0.056
326	0.32	0.059
350	0.32	0.062
376	0.32	0.062
400	0.32	0.062
426	0.32	0.062
450	0.32	0.061
476	0.32	0.062
500	0.32	0.056



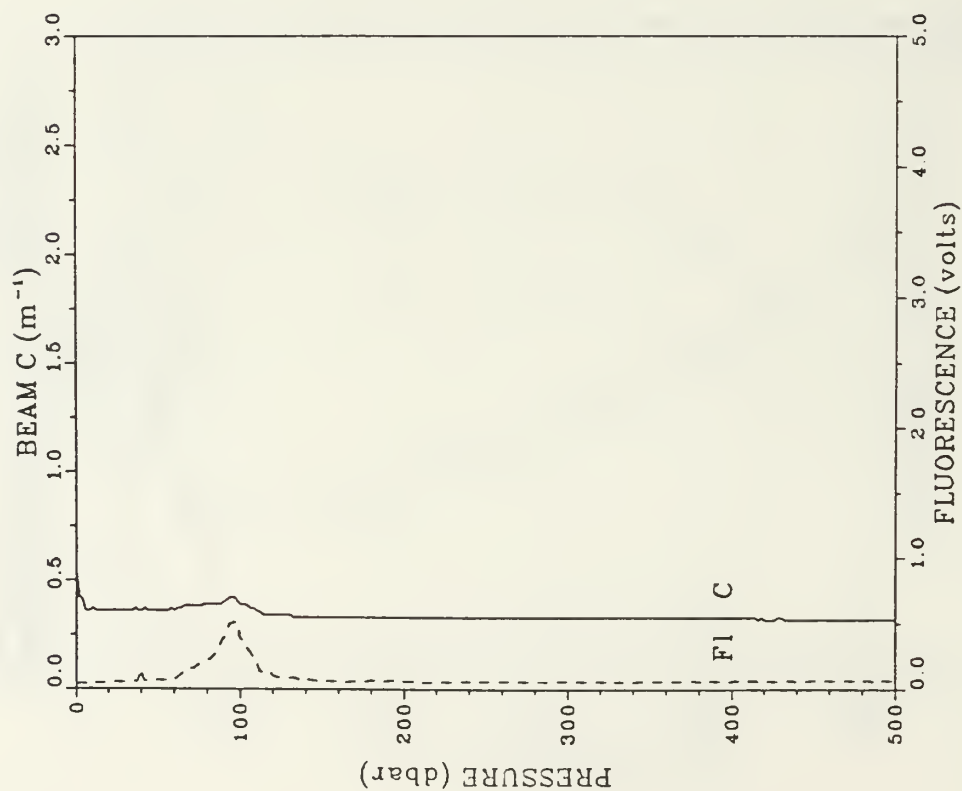
STATION: 133 LAT: 38 46.2 N LON: 125 22.6 W
 DATE: 7/9/88 TIME: 1618Z

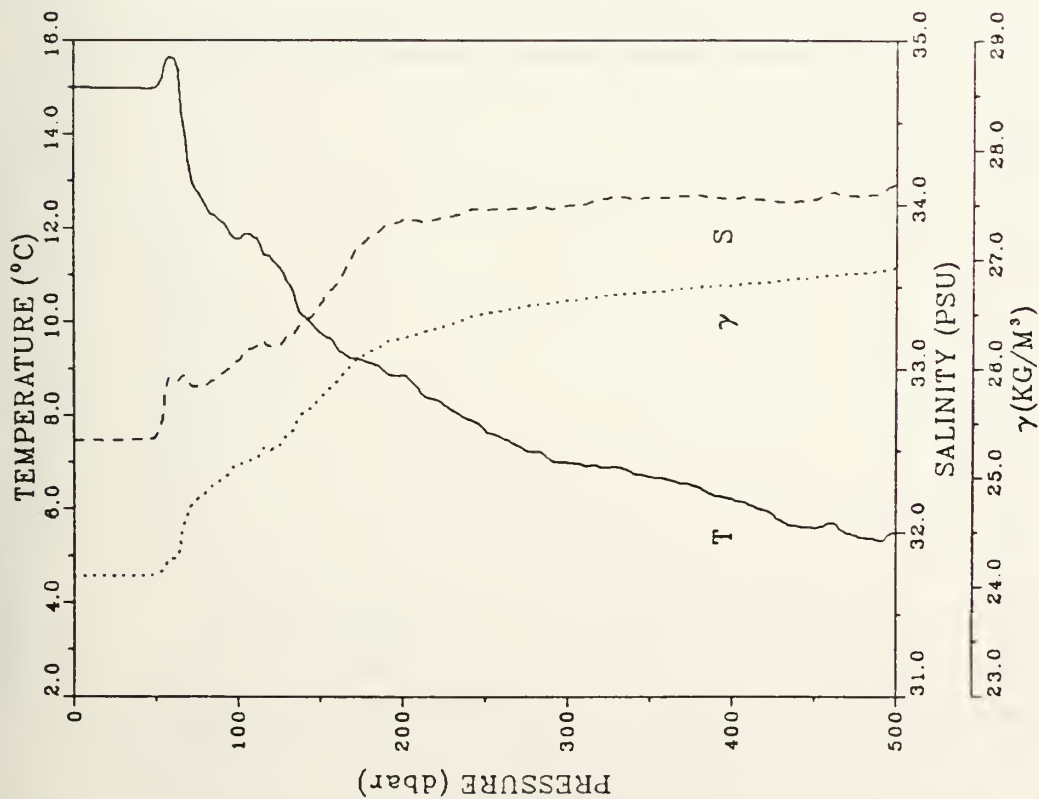


STATION: 134 LAT: 38 34.0 N LON: 125 14.1 W
DATE: 7/9/88 TIME: 1853Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.743	32.953	24.232	367.9	0.000
6	15.734	32.958	24.238	367.5	0.018
10	15.733	32.958	24.238	367.6	0.033
16	15.734	32.958	24.238	367.8	0.055
20	15.736	32.957	24.237	368.0	0.070
26	15.731	32.958	24.239	368.0	0.092
30	15.727	32.958	24.239	368.0	0.107
36	15.725	32.959	24.241	368.1	0.129
40	15.725	32.958	24.240	368.3	0.143
46	15.725	32.958	24.240	368.4	0.166
50	15.724	32.959	24.241	368.5	0.180
60	15.678	32.954	24.248	368.1	0.217
70	13.975	32.846	24.529	341.4	0.253
80	12.188	32.817	24.859	310.0	0.285
90	11.882	32.821	24.957	300.8	0.318
100	11.168	32.884	25.099	287.4	0.345
126	10.743	33.083	25.329	266.1	0.417
150	9.898	33.283	25.629	237.8	0.478
176	9.618	33.515	25.857	216.6	0.537
200	9.051	33.694	26.088	195.0	0.586
226	8.425	33.835	26.296	175.5	0.634
250	8.153	33.938	26.417	164.3	0.675
276	7.598	33.978	26.530	153.7	0.716
300	7.251	33.979	26.580	149.2	0.753
326	6.962	34.005	26.640	143.6	0.791
350	6.799	34.040	26.690	139.2	0.825
376	6.672	34.075	26.735	135.2	0.860
400	6.173	34.061	26.789	130.0	0.892
428	5.837	34.086	26.835	125.7	0.925
450	5.842	34.111	26.870	122.7	0.955
476	5.572	34.113	26.905	119.5	0.987
500	5.087	34.075	26.932	116.6	1.015

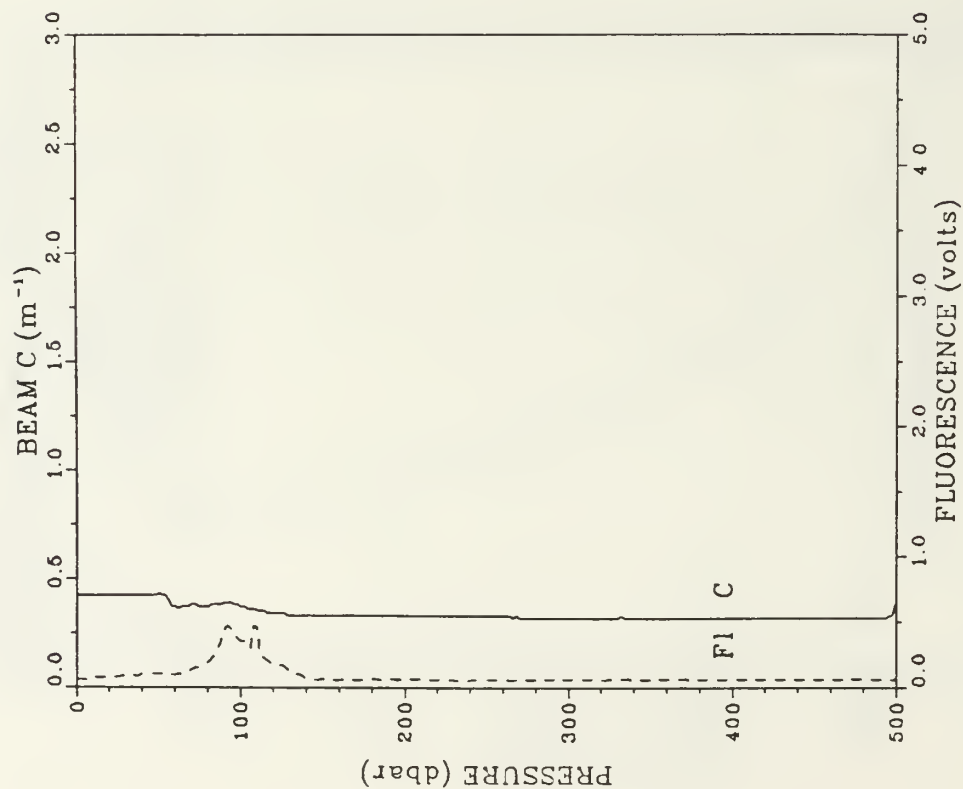
PRESS	TRANS	FLUOR
1	0.52	0.034
6	0.36	0.037
10	0.37	0.036
16	0.36	0.043
20	0.36	0.045
26	0.36	0.048
30	0.36	0.055
36	0.37	0.055
40	0.36	0.142
46	0.36	0.059
50	0.36	0.062
60	0.36	0.076
70	0.38	0.153
80	0.39	0.221
90	0.40	0.387
100	0.39	0.396
126	0.34	0.087
150	0.33	0.058
176	0.33	0.060
200	0.33	0.059
226	0.33	0.051
250	0.33	0.059
276	0.33	0.057
300	0.33	0.056
326	0.33	0.060
350	0.33	0.060
376	0.33	0.063
400	0.33	0.061
426	0.32	0.060
450	0.32	0.064
476	0.32	0.063
500	0.32	0.057





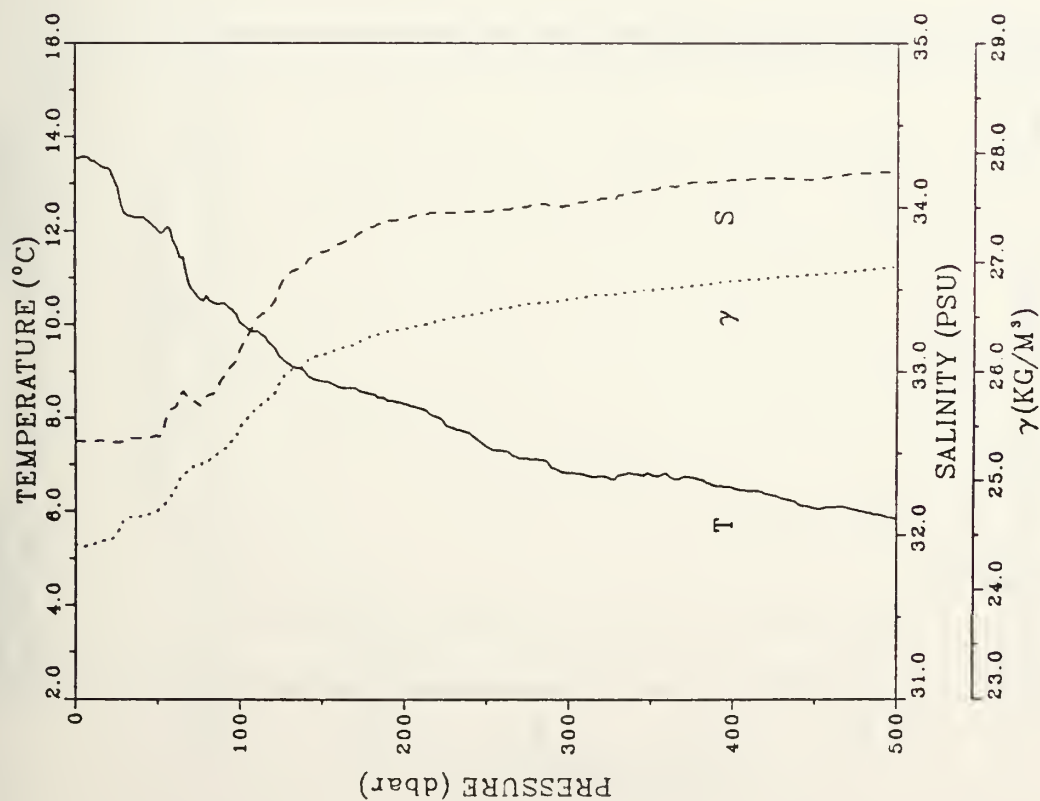
STATION: 135 LAT: 38 22.5 N LON: 125 5.5 W
DATE: 7/9/88 TIME: 2048Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	14.992	32.562	24.096	380.9	0.000
6	14.991	32.563	24.097	381.0	0.023
10	14.987	32.563	24.097	381.0	0.038
16	14.973	32.561	24.099	381.0	0.061
20	14.985	32.564	24.099	381.2	0.076
26	14.984	32.563	24.098	381.4	0.099
30	14.982	32.564	24.099	381.4	0.114
36	14.980	32.565	24.100	381.4	0.137
40	14.982	32.564	24.099	381.6	0.152
46	14.969	32.569	24.106	381.1	0.175
50	14.975	32.580	24.113	380.6	0.191
60	15.623	32.945	24.253	367.6	0.228
70	13.416	32.922	24.701	324.9	0.263
80	12.509	32.895	24.859	310.1	0.294
90	12.128	32.970	24.889	297.8	0.325
100	11.775	33.047	25.115	286.0	0.354
126	11.133	33.145	25.308	268.1	0.426
150	9.767	33.389	25.733	227.9	0.486
176	9.178	33.761	26.120	191.5	0.540
200	8.875	33.907	26.282	176.5	0.584
226	8.229	33.924	26.395	166.0	0.629
250	7.700	33.968	26.508	155.5	0.667
276	7.244	33.978	26.580	148.8	0.707
300	7.007	33.996	26.627	144.5	0.742
326	6.913	34.045	26.679	140.0	0.779
350	6.701	34.040	26.703	137.9	0.812
376	6.511	34.053	26.739	134.7	0.848
400	6.210	34.037	26.765	132.3	0.880
426	5.849	34.022	26.799	129.1	0.914
450	5.601	34.031	26.836	125.6	0.944
476	5.422	34.050	26.873	122.3	0.977
500	5.473	34.122	26.924	117.8	1.005



PRESS	TRANS	FLUOR
0	0.42	0.056
6	0.42	0.055
10	0.42	0.067
16	0.42	0.073
20	0.42	0.079
26	0.42	0.084
30	0.42	0.079
36	0.42	0.086
40	0.42	0.102
46	0.42	0.102
50	0.43	0.101
60	0.37	0.098
70	0.38	0.134
80	0.37	0.190
90	0.39	0.436
100	0.37	0.353
126	0.34	0.160
150	0.33	0.058
176	0.33	0.057
200	0.33	0.066
226	0.33	0.057
250	0.33	0.056
276	0.32	0.057
300	0.32	0.056
326	0.32	0.058
350	0.32	0.059
376	0.32	0.058
400	0.32	0.061
426	0.32	0.061
450	0.32	0.059
476	0.32	0.064
500	0.38	0.062

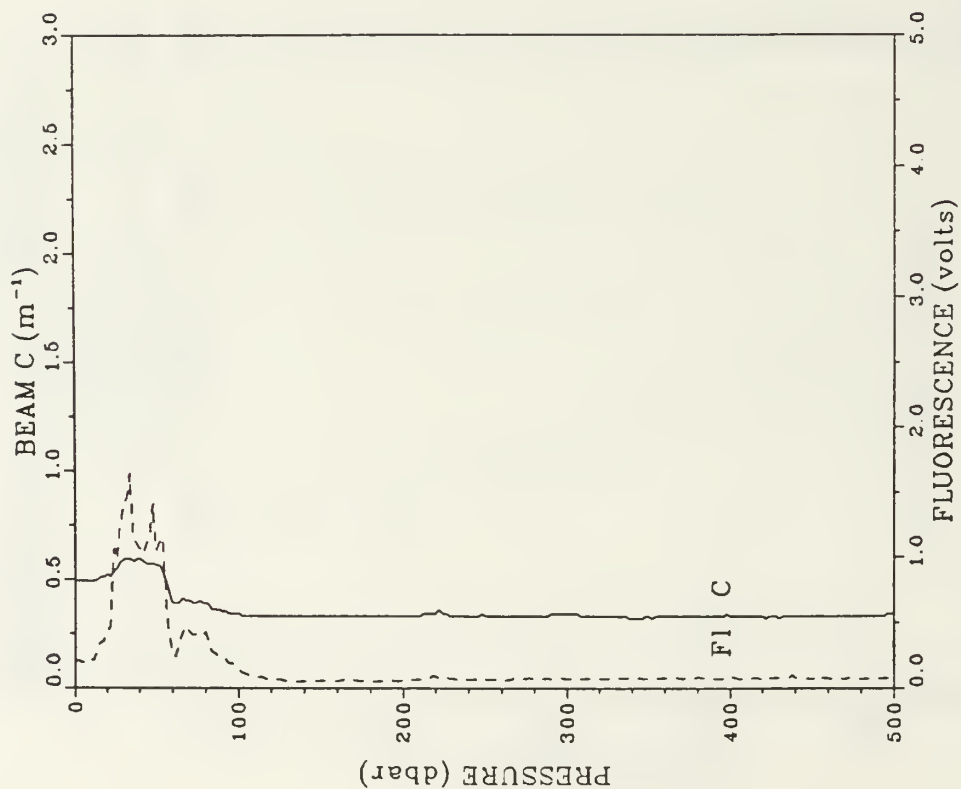
STATION: 135 LAT: 38 22.5 N LON: 125 5.5 W
 DATE: 7/9/88 TIME: 2048Z



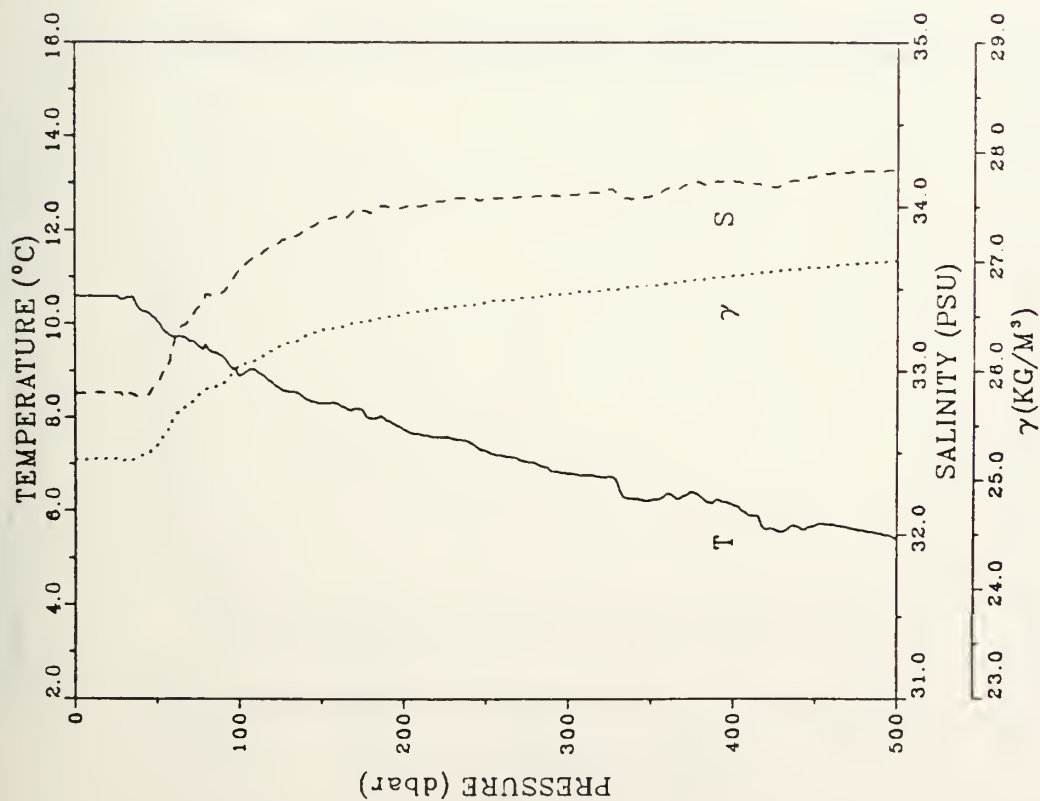
STATION: 136 LAT: 38 10.8 N LON: 124 57.1 W
DATE: 7/9/88 TIME: 2248Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	13.538	32.573	24.407	351.3	0.000
6	13.579	32.570	24.398	352.4	0.021
10	13.463	32.575	24.420	350.3	0.035
18	13.375	32.576	24.442	348.3	0.058
20	13.341	32.575	24.448	347.8	0.070
26	12.924	32.564	24.522	340.8	0.091
30	12.370	32.582	24.643	329.5	0.104
38	12.298	32.590	24.663	327.7	0.124
40	12.287	32.590	24.685	327.6	0.137
46	12.157	32.597	24.694	324.9	0.157
50	12.034	32.601	24.721	322.5	0.169
60	11.774	32.777	24.908	305.1	0.201
70	10.626	32.835	25.121	264.7	0.230
80	10.629	32.851	25.168	260.4	0.259
90	10.463	32.962	25.263	269.6	0.268
100	10.042	33.131	25.488	250.4	0.312
126	9.269	33.546	25.937	208.0	0.372
150	8.787	33.730	26.157	167.4	0.418
178	8.548	33.880	26.297	174.8	0.468
200	8.312	33.930	26.367	166.3	0.507
226	7.647	33.969	26.467	157.1	0.549
250	7.404	33.973	26.554	151.0	0.568
278	7.145	34.012	26.621	144.9	0.625
300	6.851	34.014	26.663	141.1	0.659
328	6.703	34.046	26.709	137.0	0.695
350	6.808	34.113	26.746	133.9	0.728
378	6.721	34.155	26.791	130.0	0.762
400	6.524	34.171	26.830	126.5	0.793
428	6.344	34.176	26.859	123.9	0.825
450	6.077	34.171	26.888	121.3	0.855
476	6.030	34.205	26.921	116.5	0.886
500	5.838	34.221	26.958	115.1	0.914

PRESS	TRANS	FLUOR
0	0.48	0.203
6	0.49	0.193
10	0.49	0.211
16	0.51	0.348
20	0.52	0.421
28	0.55	0.978
30	0.59	1.405
36	0.58	1.128
40	0.59	1.064
48	0.57	1.185
50	0.56	1.048
60	0.39	0.255
70	0.40	0.439
80	0.39	0.424
90	0.35	0.224
100	0.34	0.148
128	0.33	0.056
150	0.33	0.055
176	0.33	0.053
200	0.33	0.056
226	0.34	0.079
250	0.33	0.063
276	0.33	0.074
300	0.34	0.070
326	0.33	0.072
350	0.33	0.073
376	0.33	0.075
400	0.33	0.085
426	0.33	0.075
450	0.33	0.070
476	0.33	0.075
500	0.34	0.070



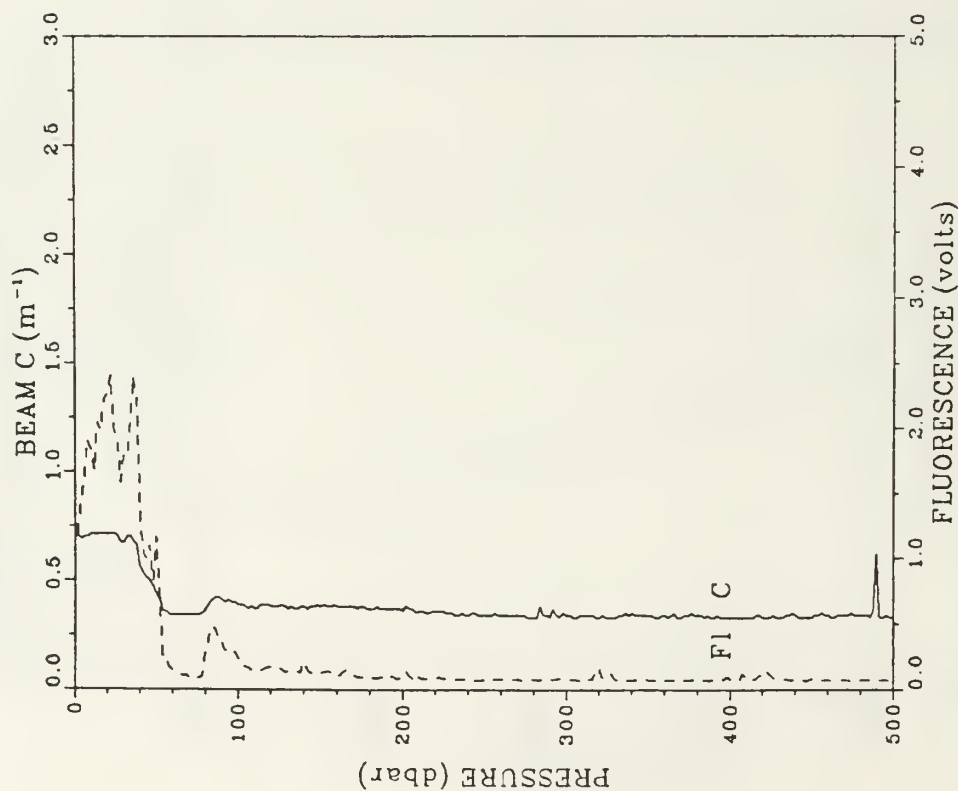
STATION: 136 LAT: 38 10.8 N LON: 124 57.1 W
 DATE: 7/9/88 TIME: 2248Z



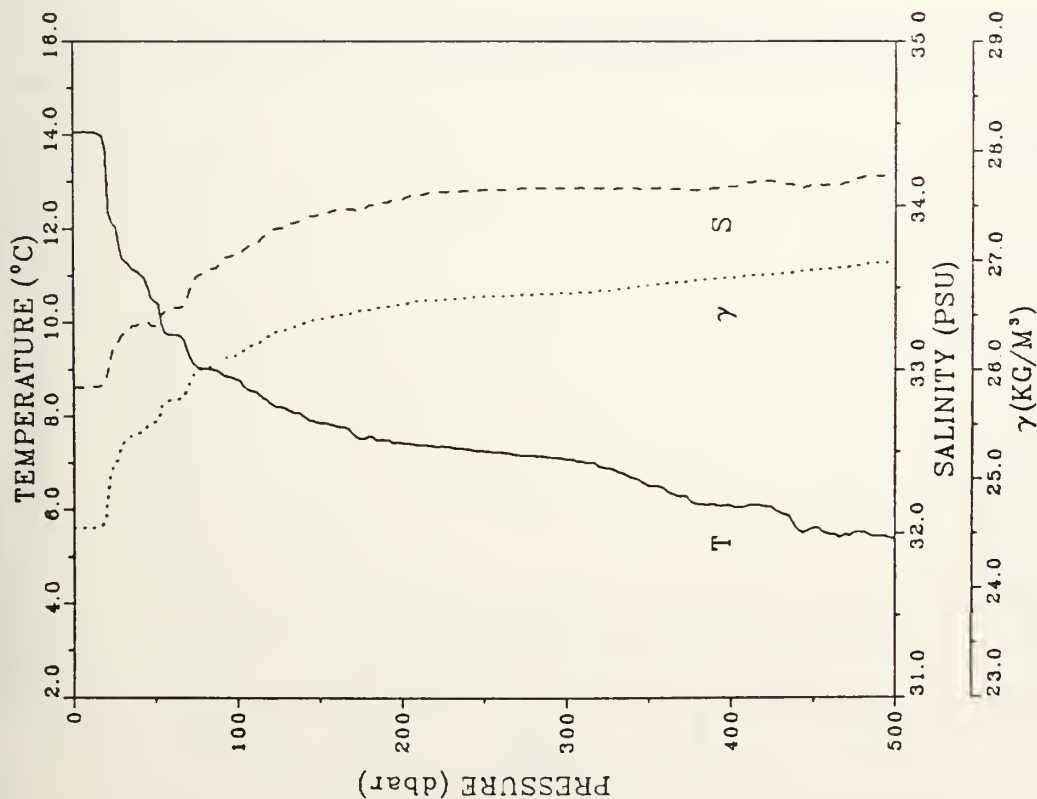
STATION: 137 LAT: 37 59.0 N LON: 124 48.6 W
 DATE: 7/10/88 TIME: 0030Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	10.593	32.859	25.180	277.6	0.000
8	10.590	32.861	25.182	277.5	0.014
10	10.595	32.864	25.184	277.5	0.025
16	10.591	32.864	25.185	277.5	0.042
20	10.585	32.863	25.185	277.6	0.053
26	10.575	32.885	25.188	277.4	0.069
30	10.539	32.838	25.172	279.0	0.081
36	10.549	32.850	25.181	278.3	0.097
40	10.292	32.840	25.217	274.9	0.106
48	10.208	32.859	25.246	272.2	0.125
50	10.096	32.911	25.305	268.7	0.135
60	9.711	33.150	25.556	243.0	0.161
70	9.626	33.318	25.701	229.4	0.185
80	9.559	33.462	25.825	217.9	0.207
90	9.297	33.478	25.880	212.8	0.228
100	8.896	33.614	26.049	196.8	0.249
126	8.586	33.797	26.241	179.0	0.298
150	8.312	33.906	26.368	167.3	0.339
176	8.143	33.973	26.446	160.3	0.382
200	7.741	33.996	26.524	153.2	0.420
226	7.597	34.039	26.578	148.4	0.459
250	7.291	34.047	26.828	143.9	0.494
276	7.060	34.064	26.873	139.9	0.531
300	6.817	34.070	26.711	136.5	0.564
326	6.737	34.108	26.750	133.1	0.599
350	6.255	34.065	26.782	130.1	0.631
376	6.394	34.148	26.629	126.1	0.664
400	6.130	34.158	26.889	122.4	0.694
426	5.591	34.118	28.908	116.7	0.725
450	5.692	34.187	26.949	115.2	0.753
476	5.601	34.217	26.984	112.1	0.783
500	5.413	34.225	27.013	109.4	0.809

PRESS	TRANS	FLUOR
1	0.70	1.247
6	0.70	1.624
10	0.71	1.837
16	0.71	1.962
20	0.71	2.256
26	0.70	1.863
30	0.67	1.785
36	0.66	2.393
40	0.56	1.275
46	0.50	1.097
50	0.44	1.163
60	0.34	0.141
70	0.34	0.090
80	0.36	0.250
90	0.41	0.368
100	0.39	0.250
126	0.39	0.157
150	0.38	0.126
176	0.38	0.098
200	0.36	0.125
226	0.35	0.085
250	0.34	0.073
276	0.33	0.079
300	0.34	0.077
326	0.33	0.110
350	0.34	0.072
376	0.35	0.078
400	0.33	0.076
426	0.34	0.086
450	0.33	0.080
476	0.34	0.067
500	0.33	0.073



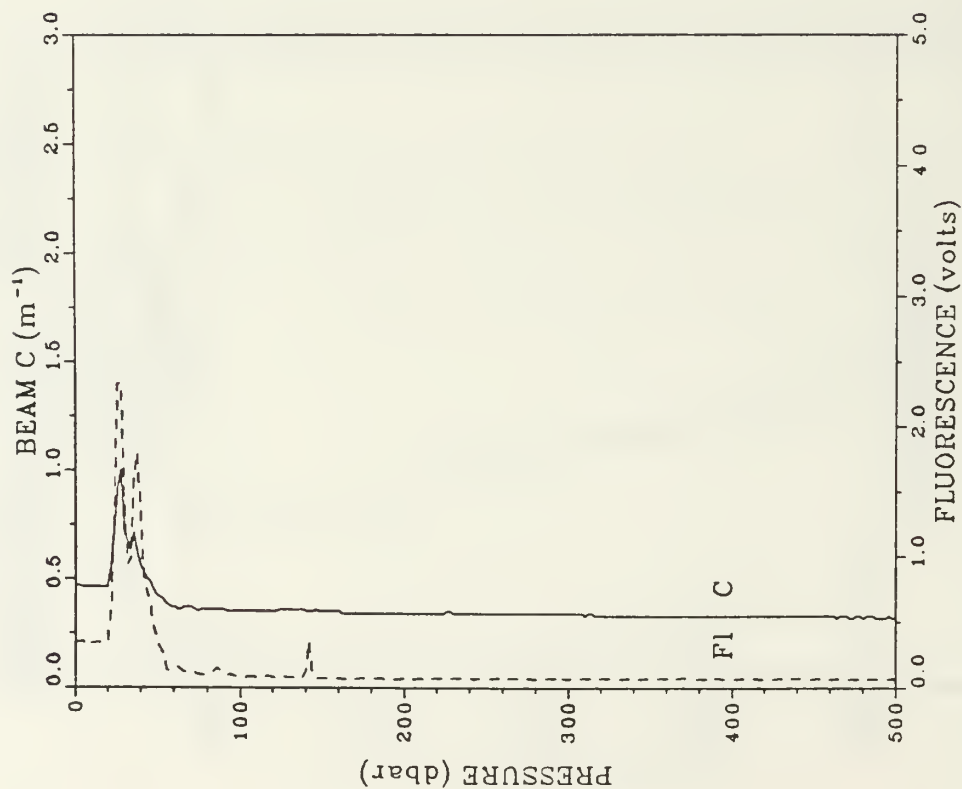
STATION: 137 LAT: 37 59.0 N LON: 124 48.6 W
 DATE: 7/10/88 TIME: 0030Z



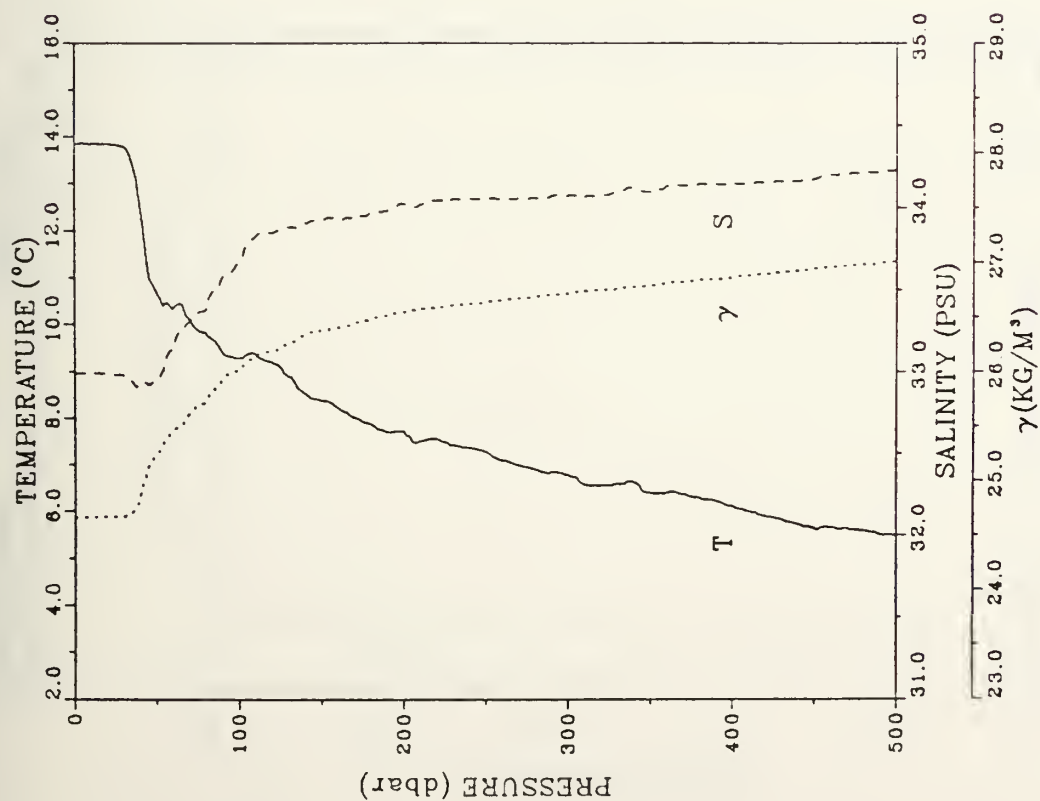
STATION: 138 LAT: 37 48.2 N LON: 124 40.5 W
DATE: 7/10/88 TIME: 0223Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	14.063	32.892	24.546	338.0	0.000
6	14.065	32.892	24.546	338.2	0.020
10	14.060	32.892	24.547	338.2	0.034
16	13.995	32.900	24.566	336.5	0.054
20	13.669	32.924	24.652	328.4	0.067
26	12.035	33.141	25.140	282.1	0.066
30	11.355	33.213	25.321	264.9	0.097
36	11.139	33.267	25.402	257.3	0.112
40	11.071	33.275	25.420	255.6	0.123
48	10.705	33.286	25.493	248.8	0.138
50	10.448	33.266	25.522	246.1	0.148
60	9.745	33.375	25.726	226.9	0.171
70	9.406	33.446	25.837	216.5	0.193
80	9.025	33.592	26.012	200.0	0.214
90	8.932	33.659	26.079	193.8	0.234
100	8.791	33.699	26.133	188.9	0.253
128	8.204	33.661	26.349	168.6	0.299
150	7.859	33.946	26.467	157.8	0.339
176	7.534	33.878	26.539	151.3	0.379
200	7.435	34.036	26.601	145.8	0.414
226	7.371	34.081	26.643	142.1	0.452
250	7.260	34.096	26.671	139.8	0.486
276	7.177	34.104	26.689	136.5	0.522
300	7.093	34.107	26.703	137.5	0.555
326	6.894	34.104	26.728	135.4	0.591
350	6.525	34.104	26.777	130.8	0.622
376	6.172	34.092	26.814	127.4	0.656
400	6.091	34.115	26.842	125.0	0.666
426	6.035	34.147	26.874	122.2	0.718
450	5.614	34.134	26.916	118.1	0.747
476	5.531	34.165	26.951	115.1	0.778
500	5.378	34.190	26.989	111.6	0.805

PRESS	TRANS	FLUOR
0	0.47	0.344
6	0.46	0.335
10	0.48	0.333
16	0.48	0.355
20	0.46	0.364
26	0.92	2.332
30	0.71	1.452
36	0.71	1.603
40	0.56	1.305
46	0.48	0.610
50	0.42	0.353
60	0.37	0.133
70	0.37	0.118
80	0.36	0.114
90	0.36	0.108
100	0.35	0.082
126	0.36	0.081
150	0.35	0.071
176	0.34	0.068
200	0.34	0.071
226	0.35	0.072
250	0.34	0.071
276	0.34	0.068
300	0.34	0.067
326	0.33	0.067
350	0.33	0.067
376	0.33	0.067
400	0.33	0.065
426	0.33	0.066
450	0.33	0.073
476	0.33	0.067
500	0.32	0.061



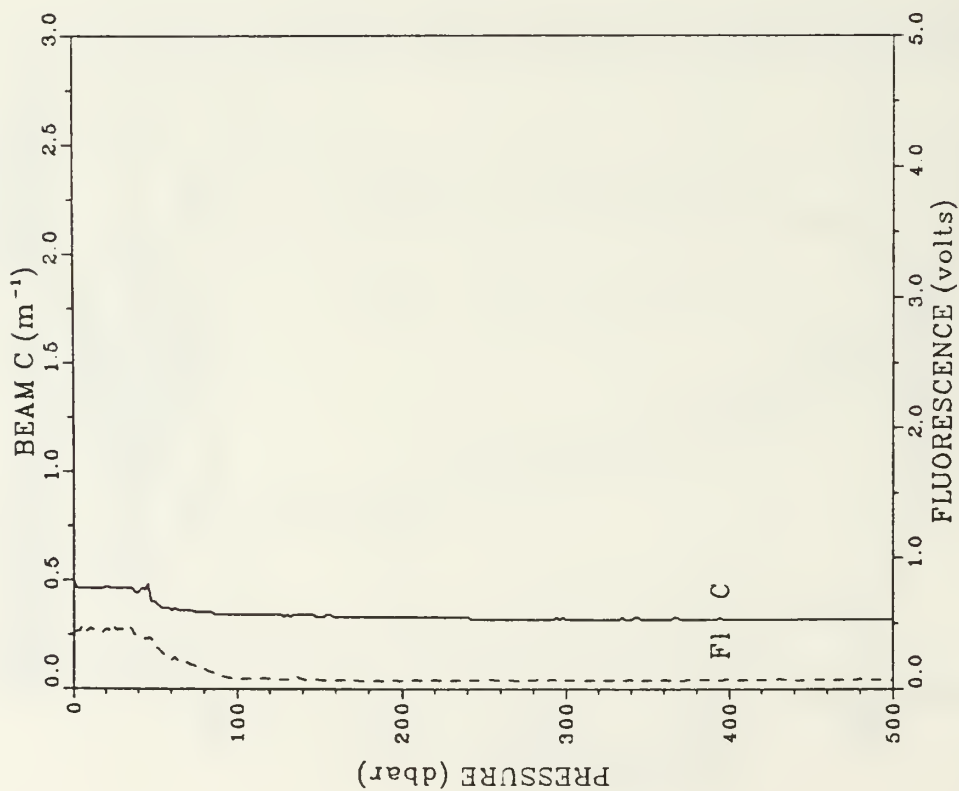
STATION: 138 LAT: 37 48.2 N LON: 124 40.5 W
 DATE: 7/10/88 TIME: 0223Z



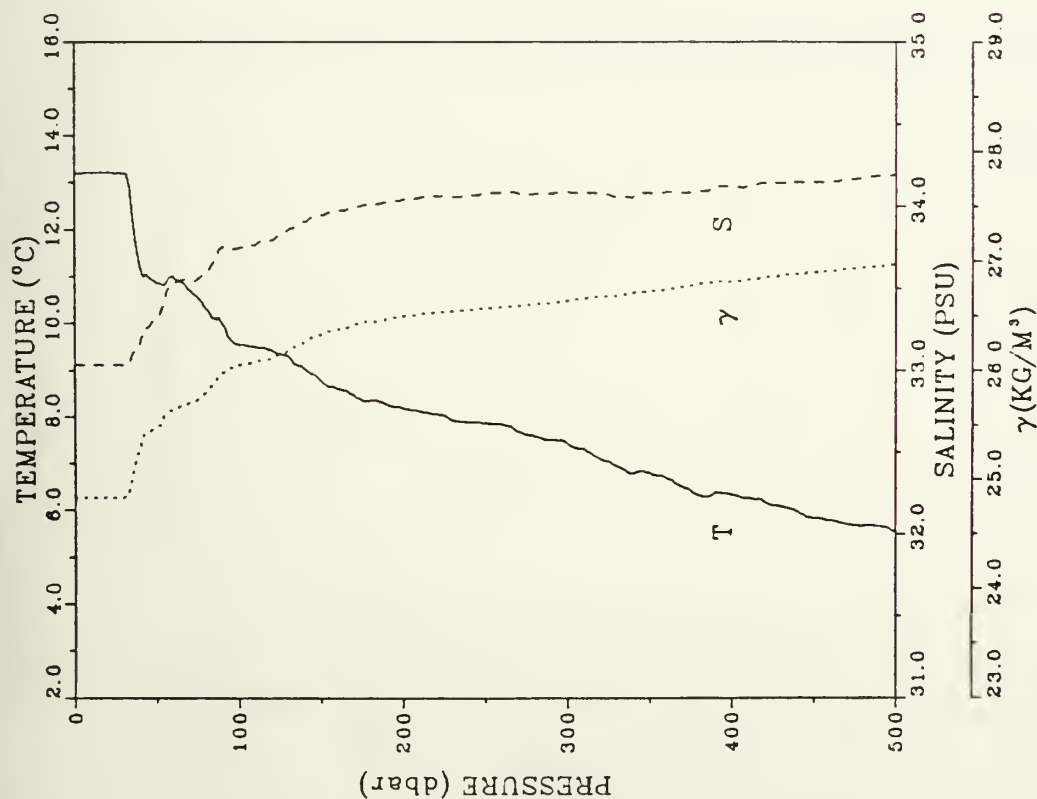
STATION: 139 LAT: 37 37.3 N LON: 124 32.9 W
DATE: 7/10/88 TIME: 0423Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	13.853	32.986	24.662	327.0	0.000
6	13.857	32.986	24.661	327.2	0.016
10	13.853	32.986	24.662	327.2	0.029
16	13.849	32.986	24.663	327.3	0.049
20	13.851	32.986	24.662	327.4	0.062
26	13.819	32.980	24.664	327.4	0.082
30	13.789	32.975	24.667	327.3	0.095
36	13.362	32.929	24.718	322.5	0.114
40	12.617	32.926	24.862	308.8	0.127
48	10.979	32.915	25.156	280.8	0.145
50	10.608	32.953	25.237	273.2	0.156
60	10.326	33.138	25.444	253.8	0.182
70	10.131	33.302	25.605	238.8	0.207
80	9.821	33.378	25.714	228.4	0.230
90	9.414	33.564	25.928	208.2	0.252
100	9.285	33.666	26.029	198.8	0.272
126	9.055	33.865	26.221	181.0	0.322
150	8.380	33.925	26.373	168.9	0.363
176	7.908	33.951	26.484	158.5	0.406
200	7.743	34.023	26.545	151.2	0.443
226	7.479	34.041	26.597	146.6	0.482
250	7.292	34.060	26.638	142.9	0.516
276	6.954	34.057	26.682	138.9	0.553
300	6.794	34.072	26.716	136.0	0.586
328	6.581	34.085	26.755	132.6	0.621
350	6.395	34.098	26.789	129.5	0.652
376	6.325	34.141	26.833	125.7	0.686
400	6.124	34.146	26.862	123.1	0.715
428	5.869	34.158	26.904	119.3	0.747
450	5.651	34.174	26.943	115.6	0.775
476	5.608	34.209	26.976	112.8	0.805
500	5.489	34.229	27.007	110.1	0.832

PRESS	TRANS	FLUOR
1	0.49	0.435
8	0.48	0.490
10	0.48	0.483
18	0.48	0.429
20	0.47	0.457
26	0.48	0.451
30	0.48	0.448
38	0.48	0.450
40	0.44	0.409
48	0.48	0.391
50	0.40	0.329
60	0.38	0.217
70	0.38	0.197
80	0.35	0.152
90	0.34	0.100
100	0.34	0.077
128	0.34	0.071
150	0.33	0.087
178	0.33	0.080
200	0.33	0.087
226	0.33	0.068
250	0.32	0.083
278	0.32	0.088
300	0.32	0.083
328	0.32	0.085
350	0.32	0.065
378	0.32	0.088
400	0.32	0.071
428	0.32	0.068
450	0.32	0.070
478	0.32	0.070
500	0.32	0.068

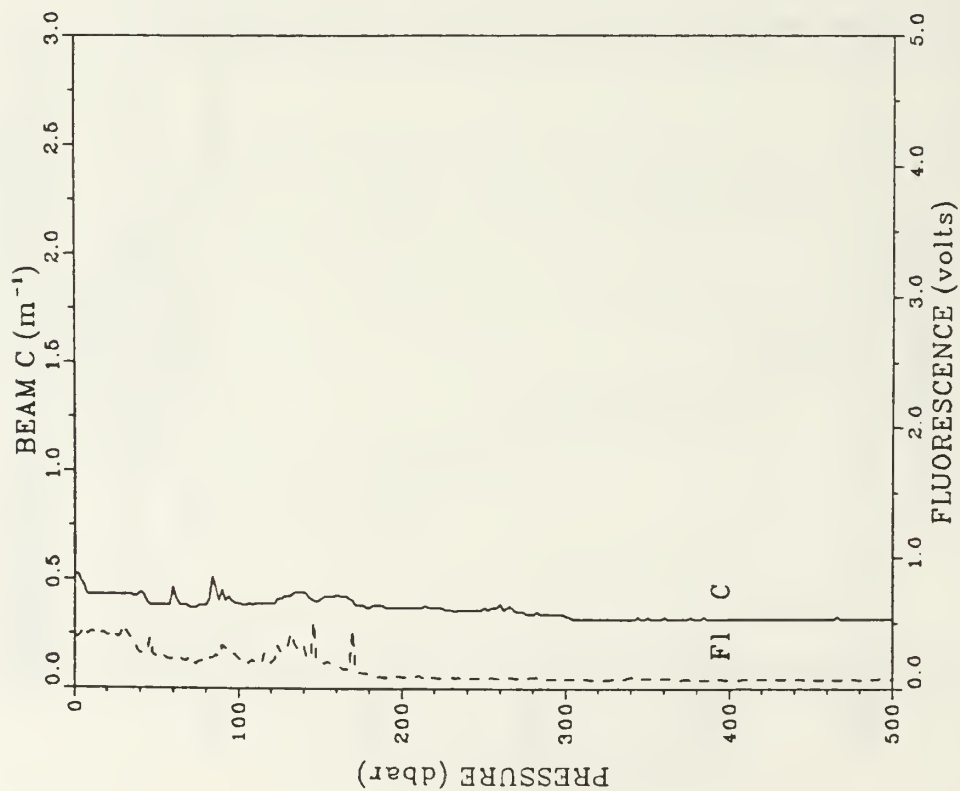


STATION: 139 LAT: 37 37.3 N LON: 124 32.9 W
 DATE: 7/10/88 TIME: 0423Z



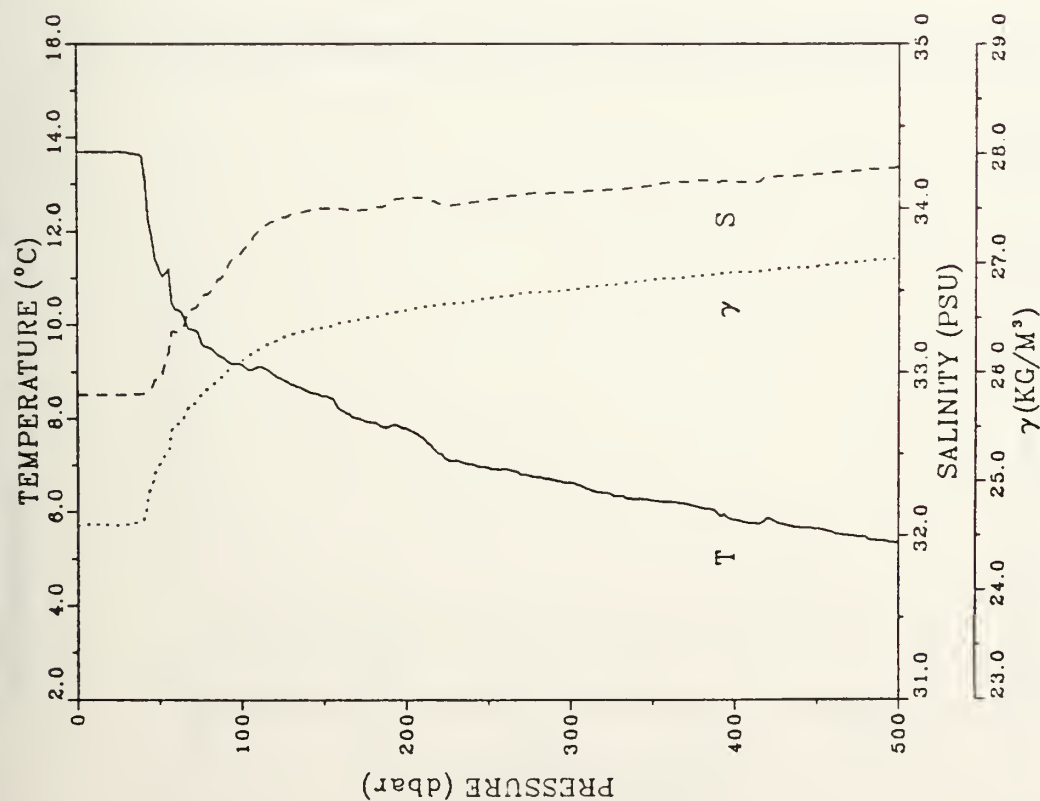
STATION: 939 LAT: 37 24.2 N LON: 124 18.7 W
DATE: 7/10/88 TIME: 0741Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	13.204	33.034	24.830	310.9	0.000
6	13.208	33.034	24.830	311.1	0.019
10	13.209	33.033	24.829	311.3	0.031
18	13.207	33.034	24.830	311.4	0.050
20	13.207	33.033	24.829	311.5	0.082
26	13.208	33.033	24.829	311.7	0.081
30	13.194	33.033	24.832	311.5	0.093
36	12.149	33.109	25.093	288.7	0.111
40	11.241	33.143	25.287	288.3	0.122
48	10.970	33.288	25.433	254.6	0.138
50	10.868	33.313	25.486	249.8	0.148
60	11.017	33.537	25.634	235.8	0.172
70	10.705	33.545	25.895	230.1	0.198
80	10.318	33.594	25.801	220.3	0.218
90	10.013	33.754	25.977	203.8	0.240
100	9.548	33.747	26.049	196.9	0.260
128	9.328	33.825	26.146	188.2	0.310
150	8.778	33.943	26.328	171.5	0.353
178	8.348	34.008	26.441	180.8	0.398
200	8.192	34.042	26.495	158.1	0.434
228	8.015	34.061	26.534	152.7	0.474
250	7.870	34.079	26.570	149.7	0.510
276	7.625	34.074	26.602	147.0	0.549
300	7.427	34.085	26.639	143.7	0.584
328	7.030	34.088	26.681	139.9	0.621
350	6.790	34.079	26.722	138.2	0.654
378	6.398	34.082	26.778	131.0	0.689
400	6.331	34.121	26.816	127.8	0.720
428	6.109	34.138	26.858	123.8	0.752
450	5.838	34.145	26.898	120.1	0.782
476	5.673	34.167	26.935	116.7	0.812
500	5.548	34.187	26.966	113.9	0.840



PRESS	TRANS	FLUOR
0	0.52	0.389
6	0.47	0.451
10	0.43	0.432
16	0.43	0.418
20	0.43	0.403
28	0.43	0.389
30	0.43	0.470
38	0.42	0.351
40	0.44	0.268
48	0.38	0.375
50	0.38	0.237
60	0.46	0.228
70	0.37	0.236
80	0.38	0.245
90	0.45	0.329
100	0.39	0.228
128	0.41	0.281
150	0.41	0.210
178	0.38	0.116
200	0.37	0.088
226	0.36	0.080
250	0.37	0.078
276	0.34	0.078
300	0.33	0.070
328	0.32	0.087
350	0.33	0.076
376	0.33	0.067
400	0.32	0.086
428	0.32	0.072
450	0.32	0.068
476	0.32	0.069
500	0.32	0.069

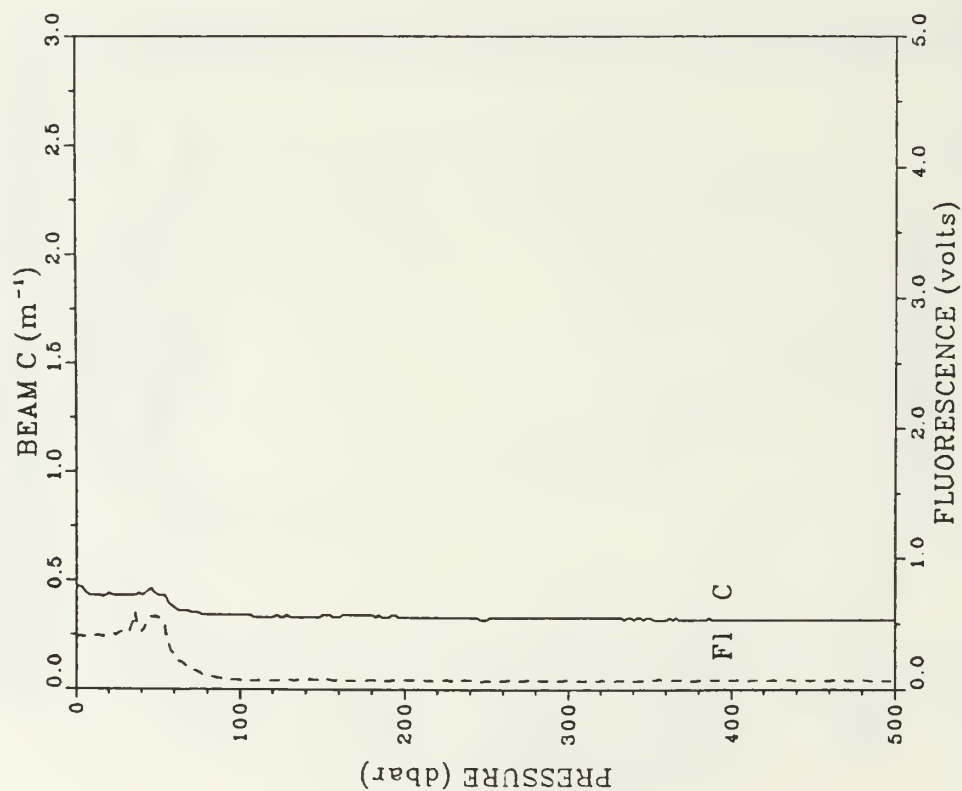
STATION: 939 LAT: 37 24.2 N LON: 124 18.7 W
 DATE: 7/10/88 TIME: 0741Z



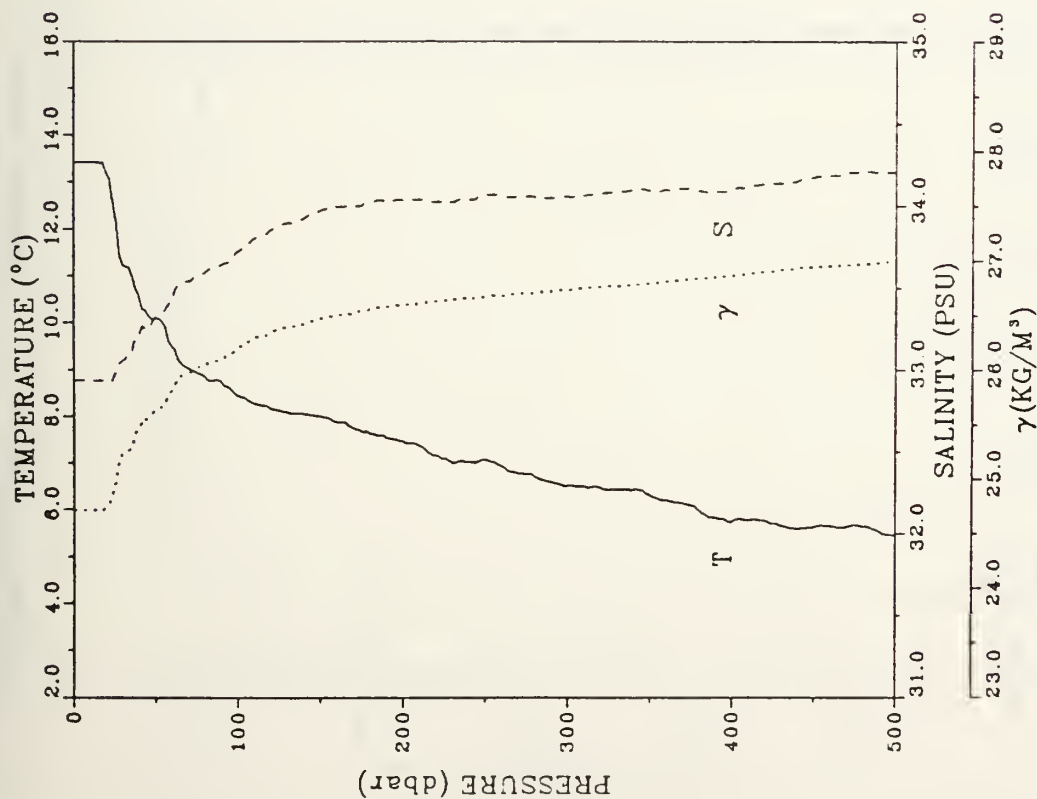
STATION: 940 LAT: 37 19.7 N LON: 124 49.3 W
DATE: 7/10/88 TIME: 1141Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	13.697	32.859	24.596	333.3	0.000
8	13.694	32.859	24.598	333.4	0.020
10	13.693	32.859	24.597	333.4	0.033
18	13.693	32.860	24.597	333.5	0.053
20	13.701	32.860	24.598	333.8	0.087
26	13.702	32.860	24.596	333.9	0.087
30	13.693	32.860	24.597	333.8	0.100
38	13.643	32.867	24.613	332.5	0.120
40	13.589	32.868	24.623	331.8	0.133
48	11.905	32.907	24.982	297.5	0.152
50	11.266	32.967	25.146	262.0	0.164
60	10.331	33.242	25.524	248.1	0.190
70	9.907	33.383	25.705	229.0	0.214
80	9.523	33.461	25.845	215.9	0.238
90	9.287	33.593	25.971	204.1	0.257
100	9.150	33.725	26.098	192.4	0.277
128	8.823	33.948	26.321	171.5	0.324
150	8.498	33.997	26.412	163.2	0.365
178	7.942	33.990	26.490	158.1	0.408
200	7.787	34.060	26.587	149.1	0.443
226	7.112	34.017	26.629	143.3	0.481
250	6.972	34.050	26.875	139.3	0.515
278	6.779	34.089	26.731	134.2	0.550
300	6.638	34.095	26.755	132.2	0.582
328	6.350	34.111	26.808	127.6	0.618
350	6.250	34.142	26.843	124.3	0.646
376	6.134	34.167	26.878	121.3	0.678
400	5.833	34.162	26.912	118.2	0.707
428	5.775	34.191	26.942	115.6	0.737
450	5.843	34.208	26.971	113.0	0.785
476	5.474	34.227	27.007	109.6	0.794
500	5.335	34.247	27.039	106.8	0.820

PRESS	TRANS	FLUOR
0	0.47	0.399
6	0.44	0.404
10	0.43	0.409
18	0.42	0.394
20	0.44	0.416
26	0.43	0.431
30	0.43	0.426
36	0.43	0.579
40	0.43	0.434
46	0.46	0.549
50	0.43	0.540
60	0.37	0.245
70	0.35	0.151
80	0.34	0.099
90	0.34	0.077
100	0.34	0.068
126	0.33	0.066
150	0.34	0.075
176	0.34	0.085
200	0.33	0.071
226	0.33	0.064
250	0.32	0.066
276	0.33	0.068
300	0.33	0.067
326	0.33	0.066
350	0.33	0.069
376	0.32	0.066
400	0.32	0.072
426	0.32	0.072
450	0.32	0.068
476	0.32	0.065
500	0.32	0.069



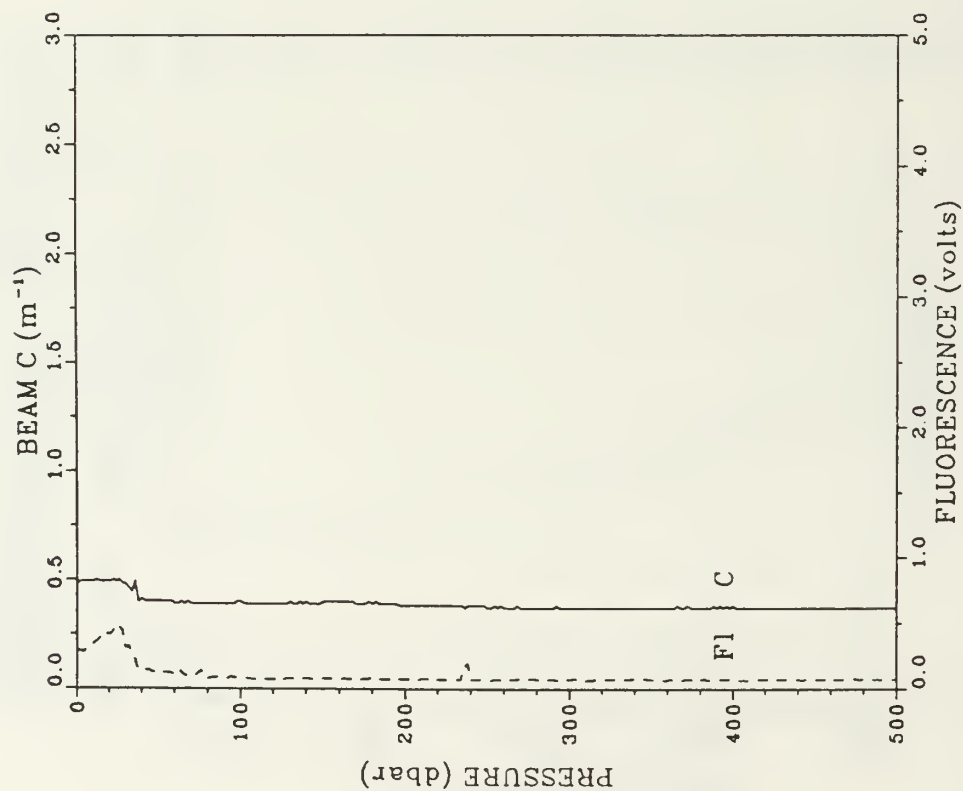
STATION: 940 LAT: 37 19.7 N LON: 124 49.3 W
 DATE: 7/10/88 TIME: 1141Z



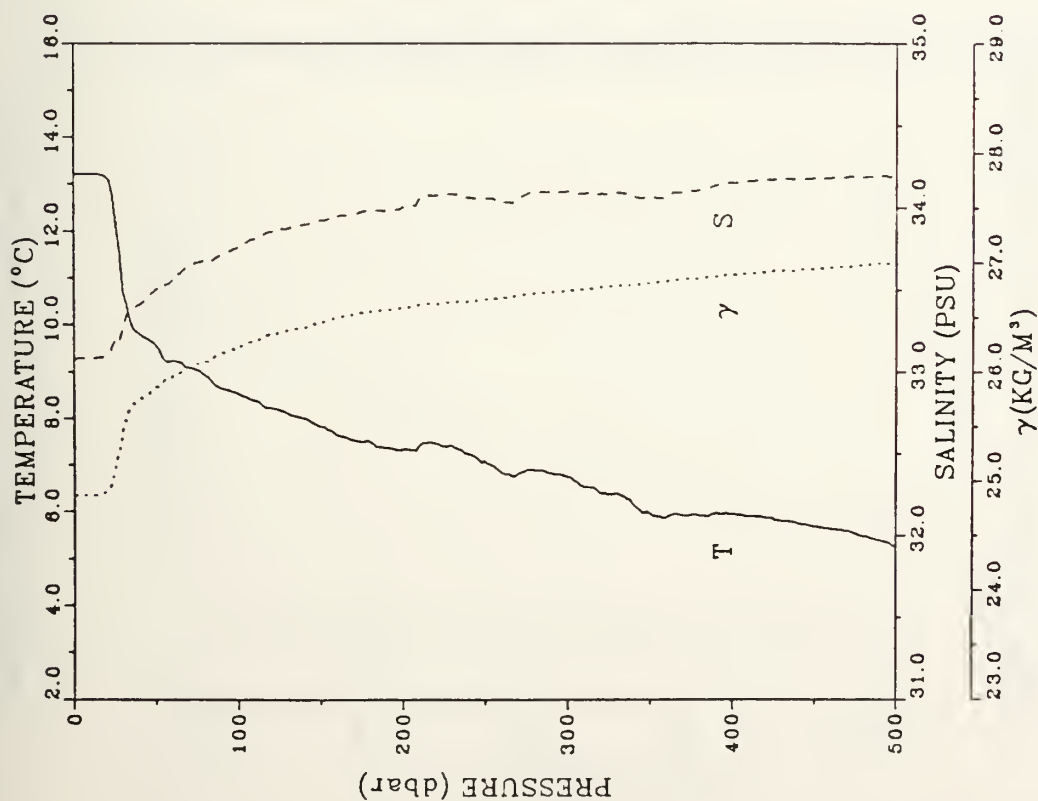
STATION: 140 LAT: 37 32.2 N LON: 124 58.0 W
DATE: 7/10/88 TIME: 1500Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	13.422	32.931	24.707	322.7	0.000
6	13.412	32.933	24.711	322.5	0.016
10	13.412	32.933	24.711	322.6	0.029
16	13.408	32.934	24.712	322.6	0.048
20	13.215	32.924	24.743	319.7	0.061
26	12.152	32.984	24.996	295.8	0.080
30	11.219	33.058	25.225	274.0	0.091
36	10.987	33.122	25.316	265.4	0.107
40	10.592	33.207	25.452	252.6	0.118
48	10.152	33.247	25.558	242.6	0.132
50	10.087	33.316	25.623	236.5	0.142
60	9.499	33.428	25.806	219.2	0.165
70	8.023	33.539	25.971	203.7	0.186
80	8.852	33.590	26.038	197.5	0.206
90	8.760	33.638	26.090	192.8	0.226
100	8.440	33.720	26.203	182.1	0.244
126	8.113	33.884	26.381	165.6	0.290
150	7.991	33.970	26.467	157.9	0.328
176	7.676	34.010	26.544	150.9	0.366
200	7.463	34.034	26.593	146.5	0.404
226	7.126	34.028	26.636	142.7	0.442
250	7.093	34.065	26.670	139.9	0.476
276	6.773	34.057	26.707	136.5	0.512
300	6.534	34.057	26.739	133.7	0.544
326	6.450	34.080	26.768	131.2	0.578
350	6.328	34.093	26.794	129.0	0.610
376	6.097	34.104	26.833	125.5	0.643
400	5.752	34.089	26.864	122.6	0.673
426	5.708	34.135	26.908	118.9	0.704
450	5.656	34.175	26.944	115.6	0.732
476	5.674	34.206	26.966	113.8	0.762
500	5.462	34.209	26.994	111.2	0.789

PRESS	TRANS	FLUOR
1	0.48	0.283
6	0.48	0.293
10	0.49	0.337
18	0.49	0.422
20	0.48	0.406
28	0.50	0.473
30	0.48	0.311
38	0.48	0.216
40	0.41	0.136
48	0.40	0.127
50	0.40	0.111
60	0.39	0.107
70	0.39	0.098
80	0.39	0.077
90	0.39	0.077
100	0.40	0.077
128	0.39	0.069
150	0.40	0.077
178	0.39	0.073
200	0.38	0.071
228	0.38	0.068
250	0.37	0.072
278	0.37	0.075
300	0.37	0.073
328	0.37	0.070
350	0.37	0.072
378	0.37	0.070
400	0.38	0.068
428	0.37	0.069
450	0.37	0.067
476	0.37	0.073
500	0.37	0.069



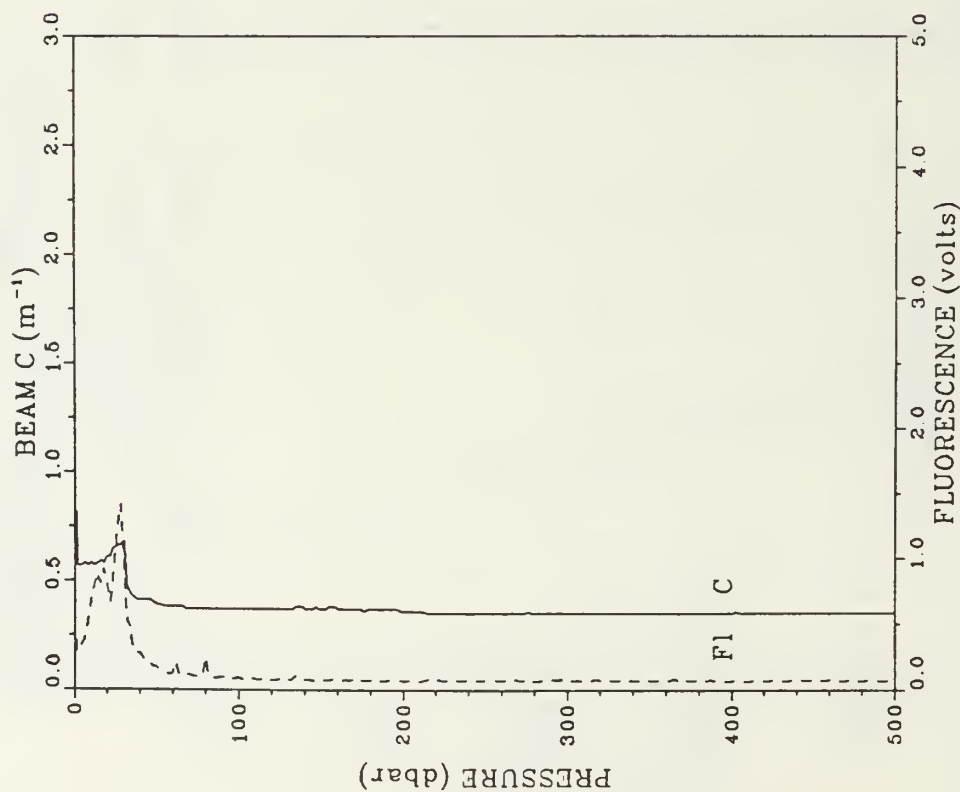
STATION: 140 LAT: 37 32.2 N LON: 124 58.0 W
 DATE: 7/10/88 TIME: 1500Z



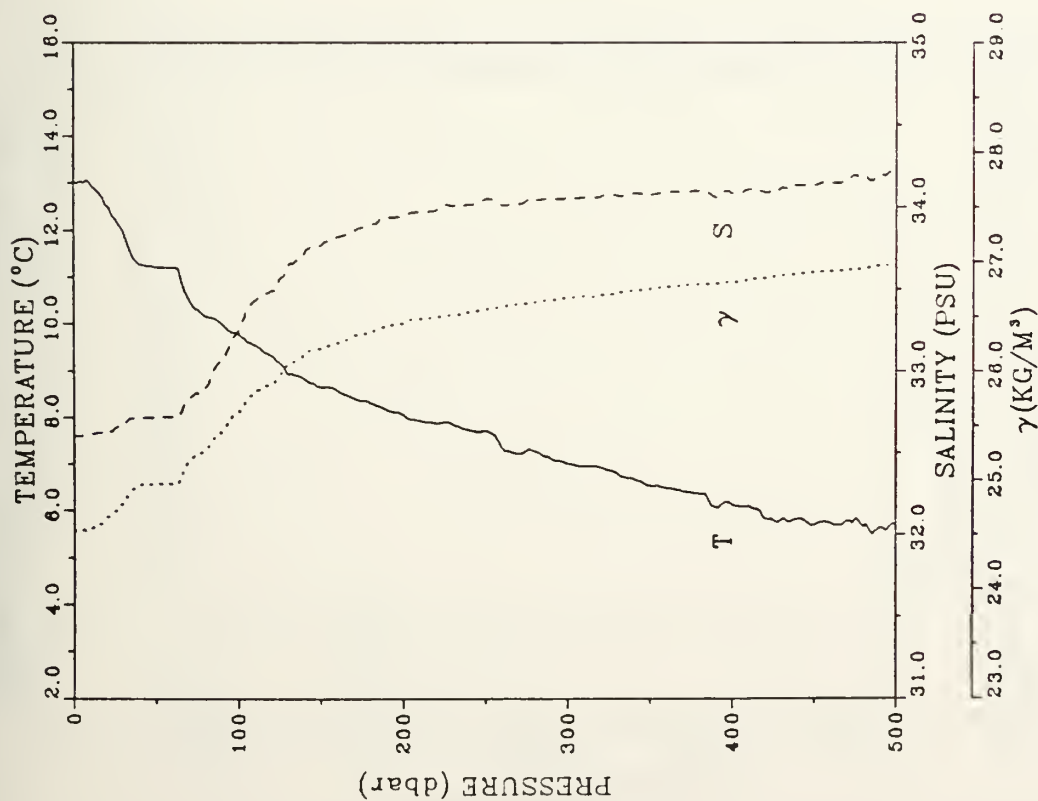
STATION: 141 LAT: 37 43.5 N LON: 125 7.0 W
DATE: 7/10/88 TIME: 1811Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	13.221	33.078	24.881	308.0	0.000
8	13.210	33.082	24.866	307.8	0.015
10	13.208	33.084	24.869	307.5	0.028
18	13.201	33.087	24.872	307.3	0.048
20	13.142	33.105	24.898	305.0	0.058
28	12.047	33.208	25.188	277.5	0.076
30	10.712	33.270	25.480	249.7	0.088
38	9.943	33.385	25.701	228.8	0.101
40	9.804	33.410	25.744	224.8	0.110
48	9.870	33.452	25.799	219.7	0.123
50	9.554	33.503	25.857	214.2	0.132
60	9.240	33.555	25.949	205.8	0.153
70	9.072	33.643	26.045	198.7	0.173
80	8.911	33.870	26.091	192.5	0.192
90	8.835	33.712	26.187	185.4	0.211
100	8.525	33.759	26.221	180.5	0.230
128	8.154	33.888	26.362	167.4	0.275
150	7.825	33.923	26.454	159.0	0.314
178	7.504	33.978	26.544	150.8	0.354
200	7.338	34.002	26.586	147.1	0.390
226	7.403	34.078	26.637	142.8	0.428
250	7.102	34.057	26.862	140.6	0.482
276	6.910	34.087	26.712	138.1	0.498
300	6.768	34.100	26.742	133.8	0.530
328	6.381	34.089	26.784	129.7	0.584
350	5.977	34.063	26.815	126.7	0.595
376	5.936	34.102	26.851	123.8	0.628
400	5.951	34.151	26.888	120.5	0.657
428	5.020	34.173	26.922	117.5	0.888
450	5.689	34.177	26.941	115.9	0.716
476	5.530	34.190	26.971	113.2	0.746
500	5.261	34.187	27.001	110.4	0.772

PRESS	TRANS	FLUOR
1	0.81	0.369
6	0.58	0.375
10	0.58	0.664
16	0.59	0.806
20	0.61	0.804
26	0.66	1.220
30	0.68	1.049
36	0.42	0.296
40	0.41	0.279
46	0.41	0.201
50	0.39	0.170
60	0.38	0.125
70	0.37	0.111
80	0.37	0.241
90	0.37	0.095
100	0.37	0.092
126	0.37	0.078
150	0.37	0.072
176	0.36	0.069
200	0.36	0.066
226	0.35	0.069
250	0.35	0.068
276	0.36	0.074
300	0.35	0.071
326	0.35	0.071
350	0.35	0.070
376	0.35	0.069
400	0.35	0.069
426	0.35	0.074
450	0.35	0.068
476	0.35	0.068
500	0.35	0.068

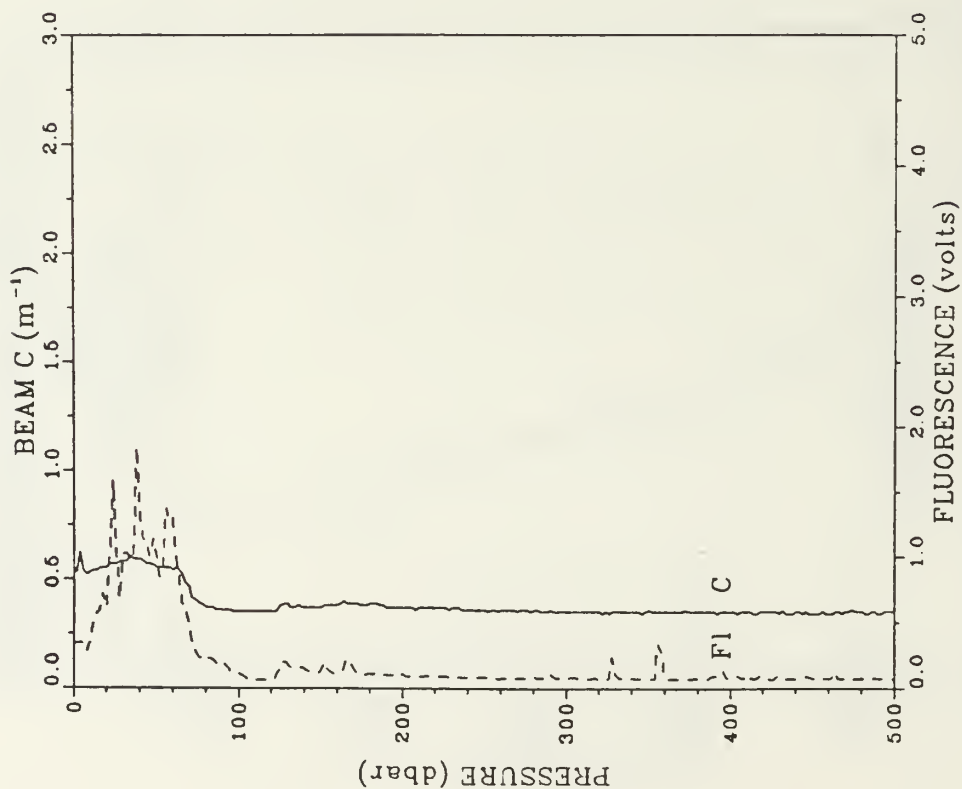


STATION: 141 LAT: 37 43.5 N LON: 125 7.0 W
 DATE: 7/10/88 TIME: 1811Z



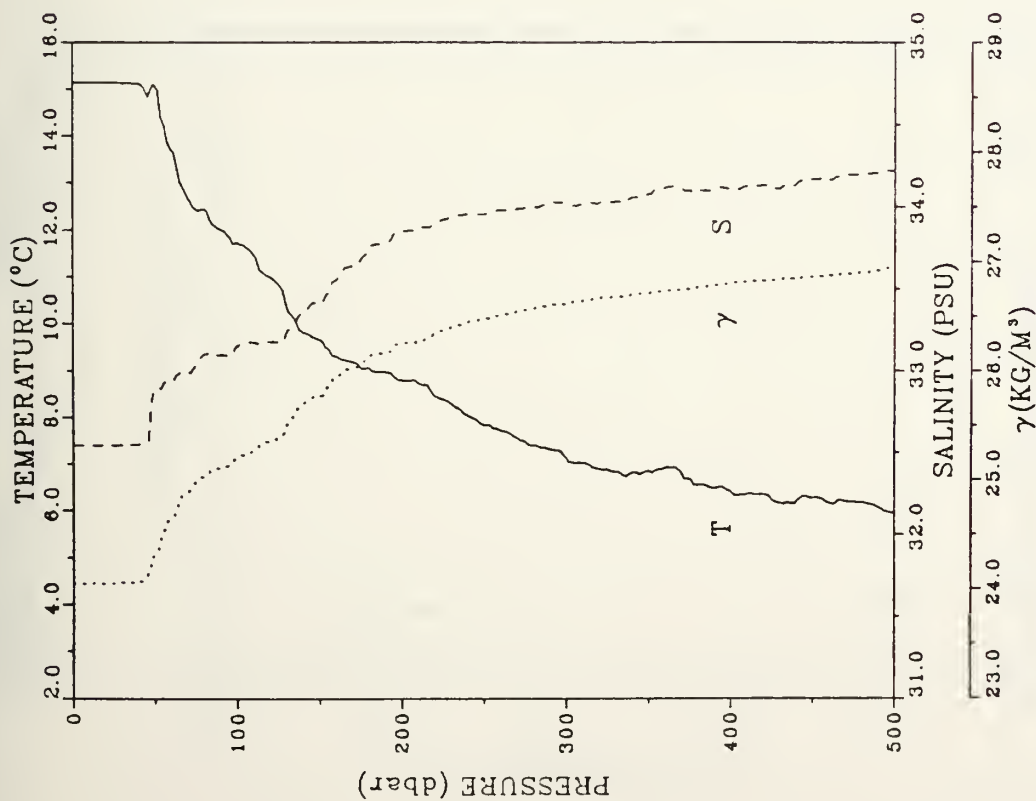
STATION: 142 LAT: 37 54.6 N LON: 125 13.8 W
DATE: 7/10/88 TIME: 2148Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	13.005	32.601	24.535	339.1	0.000
6	13.012	32.608	24.539	338.8	0.020
10	13.002	32.608	24.541	338.8	0.034
18	12.784	32.619	24.592	334.0	0.054
20	12.533	32.639	24.658	328.0	0.067
26	12.244	32.653	24.722	321.9	0.087
30	12.002	32.670	24.780	316.4	0.100
36	11.443	32.707	24.912	303.9	0.118
40	11.272	32.715	24.949	300.5	0.130
48	11.234	32.712	24.953	300.2	0.148
50	11.215	32.715	24.959	299.7	0.160
60	11.209	32.718	24.962	299.6	0.190
70	10.528	32.832	25.170	279.9	0.219
80	10.168	32.890	25.277	269.9	0.247
90	10.011	33.064	25.439	254.7	0.273
100	9.794	33.237	25.610	238.6	0.298
128	9.143	33.567	25.974	204.5	0.355
150	8.642	33.785	26.207	182.6	0.402
178	8.382	33.874	26.338	170.8	0.448
200	8.059	33.945	26.437	161.6	0.488
226	7.917	34.012	26.510	154.9	0.529
250	7.727	34.048	26.565	150.1	0.565
276	7.347	34.045	26.619	145.2	0.604
300	7.019	34.051	26.669	140.6	0.638
328	6.868	34.070	26.705	137.5	0.674
350	6.545	34.072	26.749	133.4	0.707
376	6.391	34.084	26.787	130.1	0.741
400	6.147	34.084	26.810	128.0	0.772
428	5.791	34.093	26.882	123.1	0.804
450	5.707	34.132	26.903	119.4	0.834
476	5.858	34.196	26.936	116.9	0.864
500	5.727	34.223	26.973	113.5	0.892



PRESS	TRANS	FLUOR
0	0.53	0.339
6	0.54	0.332
10	0.53	0.354
16	0.55	0.590
20	0.55	0.616
26	0.57	1.084
30	0.58	1.028
36	0.59	0.976
40	0.59	1.336
46	0.57	1.001
50	0.55	1.011
60	0.54	1.294
70	0.46	0.477
80	0.37	0.205
90	0.38	0.185
100	0.35	0.109
126	0.38	0.193
150	0.37	0.123
176	0.36	0.103
200	0.37	0.106
226	0.37	0.092
250	0.36	0.082
276	0.36	0.073
300	0.35	0.074
326	0.34	0.074
350	0.36	0.070
376	0.35	0.073
400	0.35	0.070
426	0.35	0.066
450	0.34	0.071
476	0.35	0.072
500	0.35	0.072

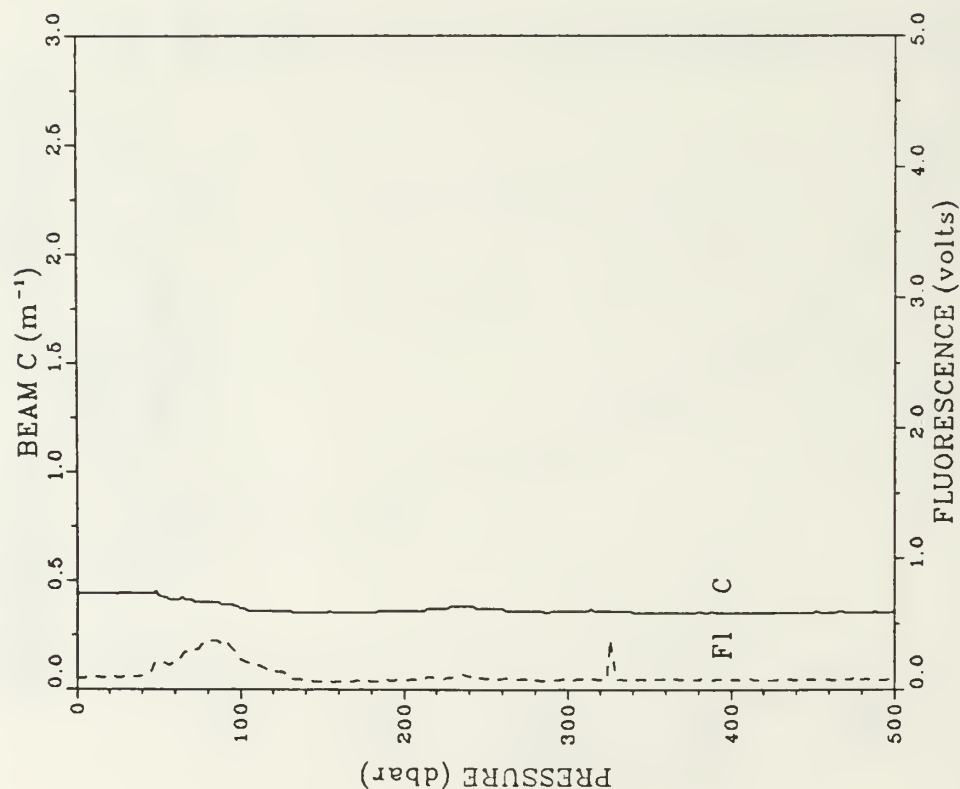
STATION: 142 LAT: 37 54.6 N LON: 125 13.8 W
 DATE: 7/10/88 TIME: 2148Z



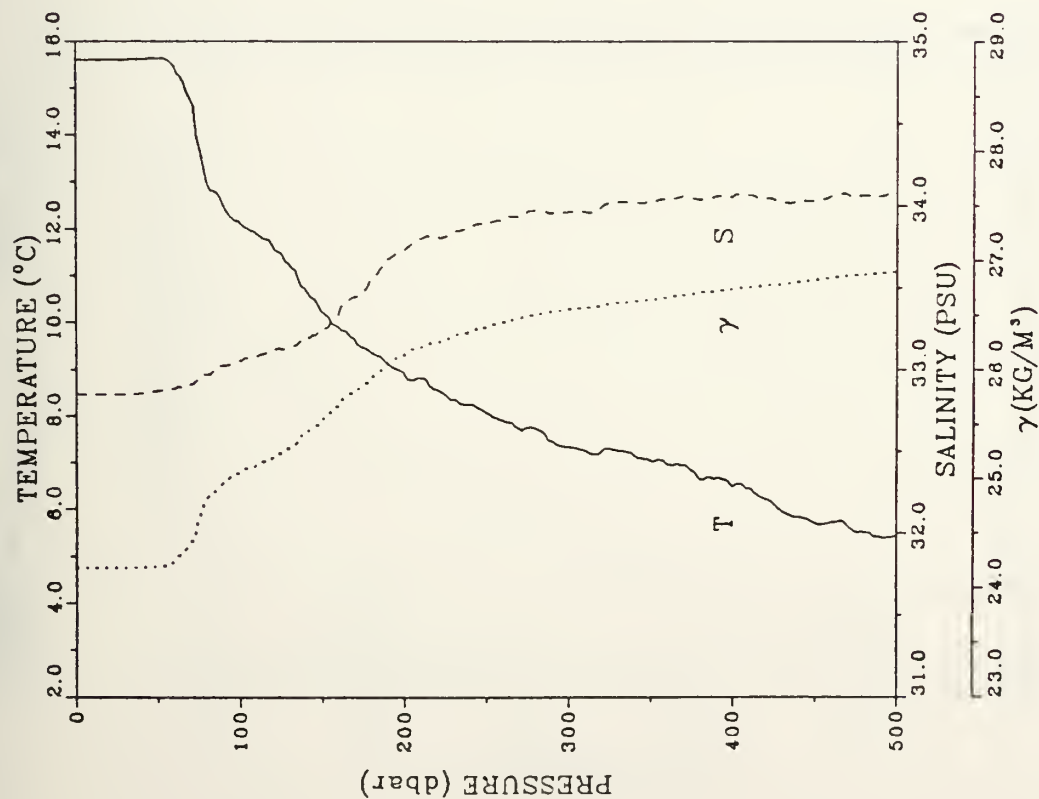
STATION: 143 LAT: 38 7.2 N LON: 125 24.0 W
DATE: 7/11/88 TIME: 0111Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.133	32.543	24.050	385.2	0.000
6	15.130	32.542	24.050	385.4	0.023
10	15.130	32.542	24.050	385.5	0.039
16	15.131	32.542	24.050	385.7	0.062
20	15.131	32.542	24.050	385.8	0.077
26	15.132	32.542	24.050	386.0	0.100
30	15.127	32.547	24.055	385.6	0.116
36	15.125	32.547	24.055	385.7	0.139
40	15.114	32.548	24.058	385.5	0.154
48	14.831	32.572	24.138	378.1	0.177
50	15.102	32.890	24.324	360.4	0.192
60	13.723	32.936	24.650	329.6	0.226
70	12.735	32.989	24.888	307.1	0.258
80	12.438	33.100	25.032	293.6	0.288
90	12.013	33.086	25.109	286.4	0.317
100	11.737	33.152	25.204	277.6	0.346
128	10.818	33.180	25.391	260.1	0.415
150	9.668	33.411	25.767	224.7	0.474
176	9.047	33.683	26.080	195.3	0.528
200	8.795	33.852	26.252	179.4	0.573
226	8.368	33.926	26.376	167.9	0.618
250	7.844	33.956	26.477	156.4	0.657
276	7.455	33.992	26.562	150.7	0.698
300	7.144	34.011	26.620	145.3	0.733
328	6.867	34.027	26.671	140.7	0.770
350	6.858	34.076	26.711	137.3	0.804
376	6.657	34.092	26.750	133.8	0.839
400	6.412	34.108	26.794	129.8	0.871
428	6.211	34.116	26.827	126.8	0.904
450	6.278	34.165	26.858	124.3	0.934
476	6.185	34.195	26.893	121.2	0.966
500	5.947	34.220	26.943	116.6	0.995

PRESS	TRANS	FLUOR
0	0.44	0.080
6	0.44	0.092
10	0.44	0.083
18	0.44	0.086
20	0.44	0.092
28	0.44	0.091
30	0.44	0.099
38	0.44	0.097
40	0.44	0.103
48	0.44	0.153
50	0.43	0.196
60	0.41	0.229
70	0.41	0.300
80	0.40	0.366
90	0.39	0.342
100	0.37	0.227
128	0.38	0.127
150	0.35	0.060
176	0.35	0.071
200	0.38	0.069
228	0.37	0.087
250	0.37	0.084
276	0.38	0.074
300	0.38	0.079
328	0.38	0.380
350	0.35	0.075
376	0.35	0.071
400	0.35	0.074
428	0.35	0.072
450	0.35	0.077
476	0.35	0.104
500	0.38	0.093

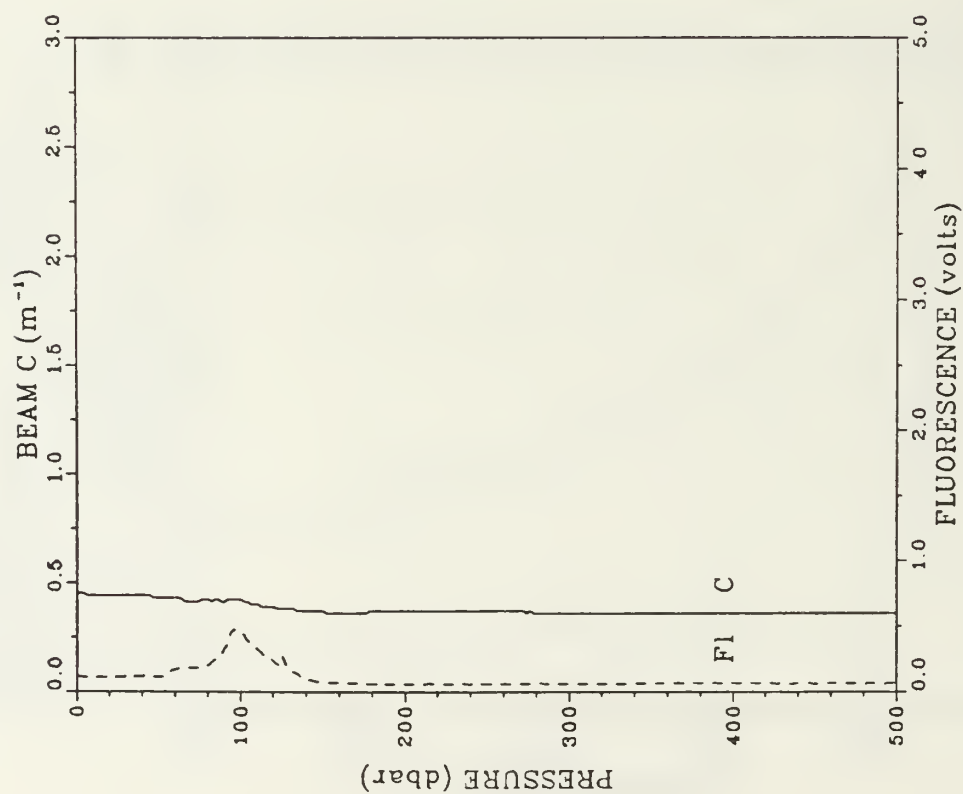


STATION: 143 LAT: 38 7.2 N LON: 125 24.0 W
 DATE: 7/11/88 TIME: 0112Z



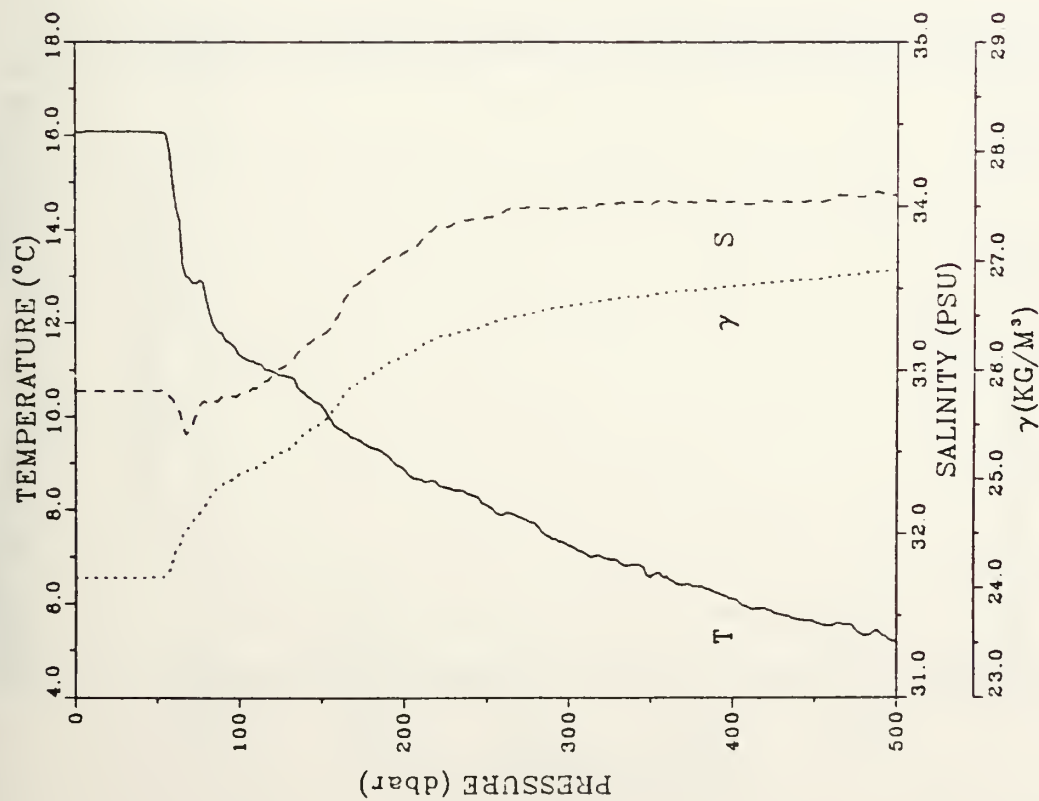
STATION: 144 LAT: 38 19.1 N LON: 125 33.2 W
DATE: 7/11/88 TIME: 0448Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.593	32.844	24.181	372.7	0.000
6	15.596	32.844	24.181	373.0	0.022
10	15.597	32.844	24.181	373.1	0.037
16	15.607	32.848	24.181	373.2	0.060
20	15.602	32.845	24.180	373.4	0.075
26	15.604	32.846	24.181	373.5	0.097
30	15.607	32.847	24.181	373.6	0.112
38	15.610	32.849	24.182	373.7	0.134
40	15.615	32.852	24.183	373.7	0.149
46	15.633	32.864	24.188	373.4	0.172
50	15.635	32.869	24.191	373.2	0.187
60	15.488	32.881	24.238	389.0	0.224
70	14.752	32.911	24.416	352.2	0.260
80	12.978	32.969	24.825	313.3	0.293
90	12.490	33.024	24.982	300.4	0.324
100	12.151	33.053	25.049	292.3	0.353
126	11.448	33.122	25.233	275.3	0.427
150	10.236	33.248	25.545	245.9	0.490
178	9.448	33.482	25.858	218.4	0.550
200	8.924	33.727	26.134	190.6	0.599
226	8.423	33.814	26.279	177.0	0.647
250	8.081	33.883	26.385	167.3	0.688
278	7.770	33.967	26.497	157.0	0.730
300	7.341	33.965	26.556	151.4	0.767
328	7.290	34.018	26.605	147.2	0.806
350	7.034	34.015	26.638	144.2	0.841
378	6.818	34.043	26.690	139.6	0.878
400	6.486	34.045	26.736	135.3	0.911
428	6.093	34.034	26.778	131.3	0.945
450	5.718	34.028	26.820	127.3	0.976
476	5.514	34.054	26.865	123.1	1.009
500	5.424	34.077	26.894	120.6	1.038



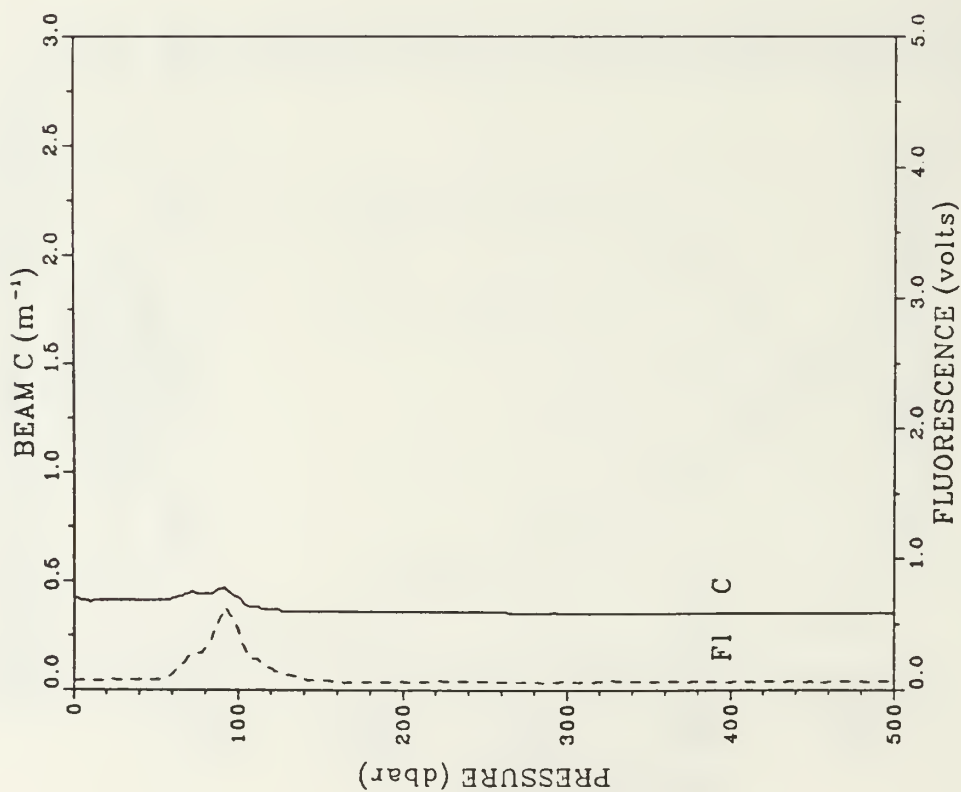
PRESS	TRANS	FLUOR
0	0.45	0.111
8	0.44	0.108
10	0.44	0.109
16	0.44	0.109
20	0.44	0.109
26	0.44	0.111
30	0.44	0.111
36	0.44	0.114
40	0.44	0.115
46	0.43	0.119
50	0.43	0.109
60	0.43	0.171
70	0.41	0.181
80	0.42	0.200
90	0.41	0.314
100	0.42	0.459
126	0.38	0.268
150	0.37	0.070
176	0.36	0.057
200	0.37	0.059
226	0.37	0.059
250	0.37	0.059
276	0.37	0.082
300	0.36	0.059
326	0.36	0.081
350	0.36	0.082
376	0.36	0.084
400	0.36	0.065
426	0.36	0.081
450	0.36	0.081
476	0.36	0.080
500	0.36	0.065

STATION: 144 LAT: 38 19.1 N LON: 125 33.2 W
 DATE: 7/11/88 TIME: 0448Z



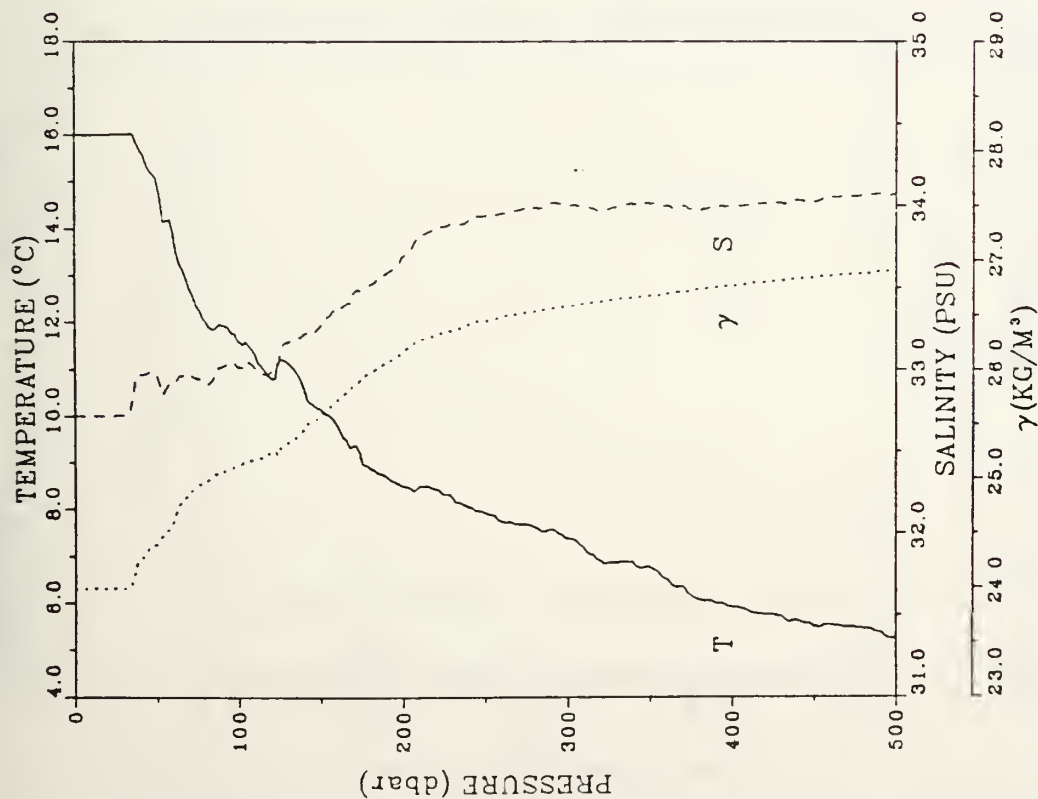
STATION: 145 LAT: 38 30.9 N LONG: 125 40.6 W
 DATE: 7/11/88 TIME: 0818Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	16.076	32.871	24.094	381.1	0.000
6	16.081	32.871	24.093	381.3	0.023
10	16.081	32.871	24.093	381.4	0.038
16	16.082	32.872	24.094	381.6	0.061
20	16.082	32.872	24.094	381.7	0.076
26	16.083	32.872	24.093	381.9	0.099
30	16.085	32.872	24.093	382.0	0.114
36	16.085	32.872	24.093	382.2	0.137
40	16.087	32.872	24.093	382.3	0.153
48	16.077	32.873	24.096	382.2	0.176
50	16.068	32.872	24.097	382.2	0.191
60	14.956	32.817	24.300	363.1	0.228
70	12.963	32.645	24.577	336.7	0.283
80	12.521	32.802	24.784	317.1	0.296
90	11.786	32.838	24.951	301.4	0.327
100	11.321	32.854	25.048	292.3	0.356
126	10.886	33.015	25.251	273.5	0.430
150	10.231	33.214	25.519	248.3	0.493
176	9.434	33.558	25.820	210.6	0.552
200	8.907	33.719	26.130	190.9	0.600
226	8.495	33.877	26.318	173.4	0.648
250	8.109	33.933	26.420	164.0	0.688
276	7.755	33.998	26.524	154.4	0.730
300	7.251	33.990	26.589	148.3	0.766
326	6.945	34.016	26.651	142.6	0.804
350	6.570	34.010	26.697	138.4	0.838
376	6.381	34.024	26.733	135.2	0.873
400	6.105	34.029	26.772	131.5	0.905
426	5.796	34.026	26.809	128.1	0.939
450	5.012	34.030	26.834	125.8	0.969
476	5.425	34.058	26.877	121.9	1.002
500	5.180	34.067	26.915	118.3	1.030



PRESS	TRANS	FLUOR
0	0.42	0.070
8	0.41	0.070
10	0.40	0.073
16	0.41	0.069
20	0.41	0.072
28	0.41	0.075
30	0.41	0.074
38	0.41	0.078
40	0.41	0.074
48	0.41	0.080
50	0.41	0.074
60	0.42	0.119
70	0.44	0.248
80	0.44	0.317
90	0.46	0.558
100	0.42	0.457
128	0.36	0.129
150	0.36	0.072
178	0.36	0.059
200	0.36	0.081
226	0.36	0.065
250	0.36	0.083
278	0.35	0.058
300	0.35	0.082
326	0.35	0.069
350	0.35	0.065
378	0.35	0.085
400	0.35	0.081
428	0.35	0.082
450	0.35	0.080
476	0.35	0.082
500	0.35	0.083

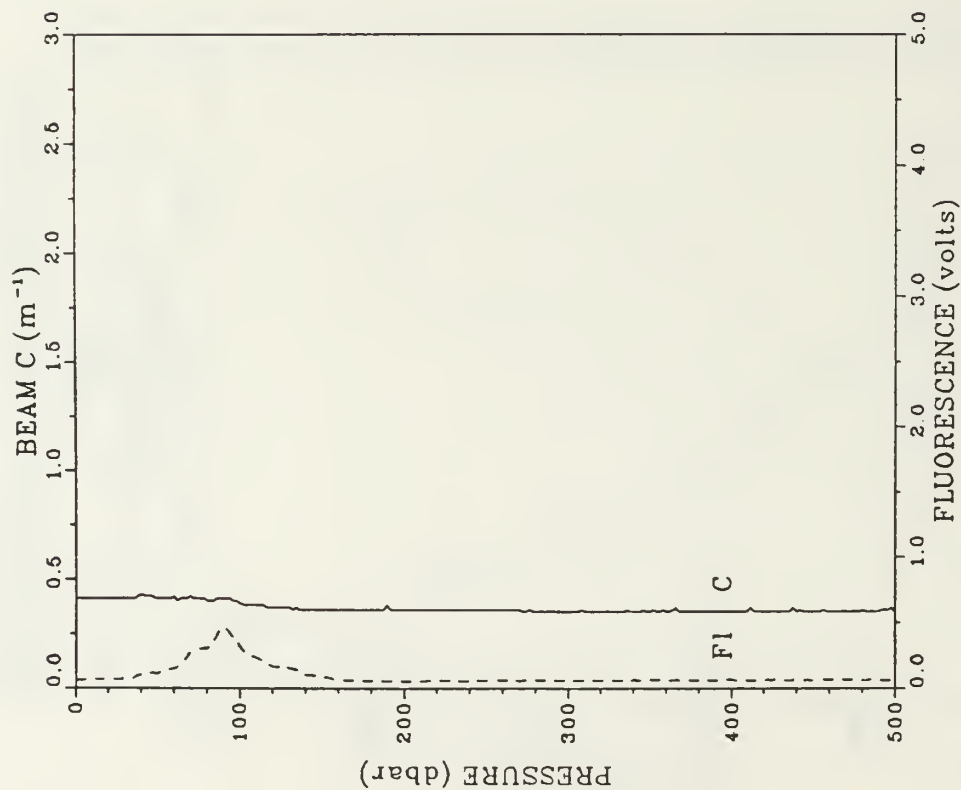
STATION: 145 LAT: 38 30.9 N LON: 125 40.6 W
 DATE: 7/11/88 TIME: 0818Z



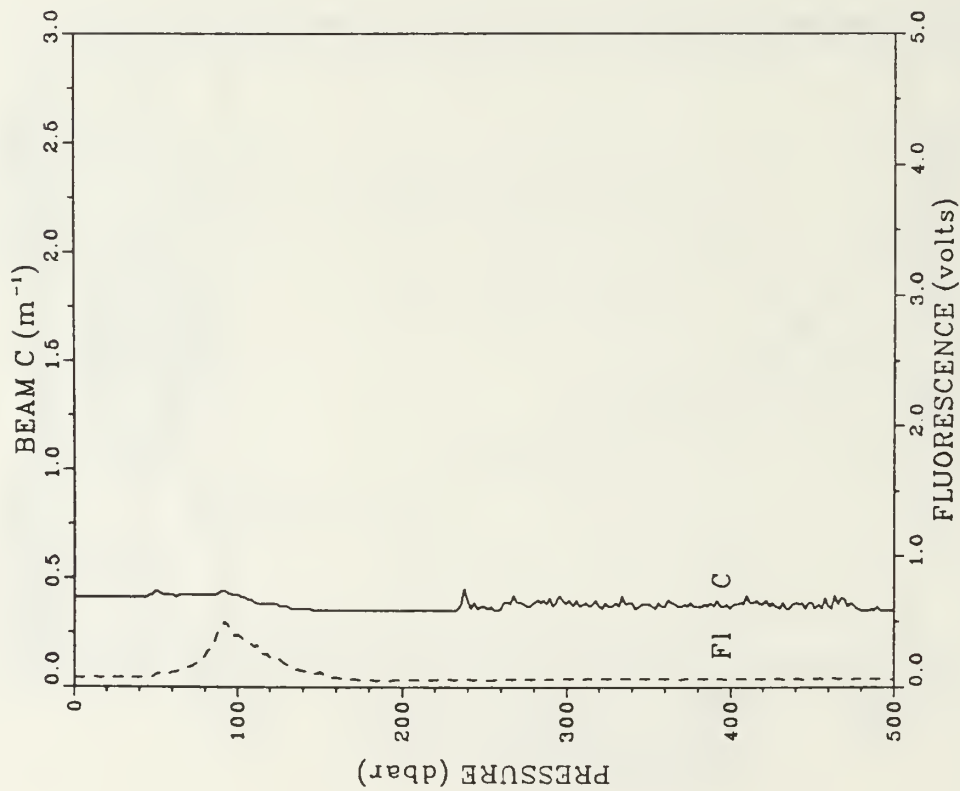
STATION: 146 LAT: 38 42.5 N LON: 125 50.0 W
 DATE: 7/11/88 TIME: 1136Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	16.002	32.712	23.989	391.1	0.000
6	16.002	32.712	23.989	391.3	0.023
10	16.008	32.712	23.988	391.5	0.039
18	16.010	32.713	23.988	391.7	0.083
20	16.012	32.713	23.987	391.8	0.078
26	16.018	32.716	23.988	391.9	0.102
30	16.021	32.719	23.990	391.8	0.117
36	16.004	32.858	24.101	381.5	0.141
40	15.872	32.970	24.281	366.3	0.156
46	15.234	32.982	24.367	356.3	0.177
50	15.073	32.967	24.390	354.2	0.192
60	13.922	32.925	24.801	334.3	0.228
70	12.728	32.977	24.880	307.8	0.258
80	12.005	32.908	24.985	299.9	0.288
90	11.944	33.020	25.083	290.8	0.318
100	11.599	33.011	25.119	285.6	0.347
126	11.222	33.135	25.284	270.4	0.419
150	10.157	33.262	25.589	243.8	0.481
176	8.974	33.487	25.938	208.7	0.540
200	8.510	33.890	26.189	187.1	0.587
226	8.327	33.875	26.342	171.1	0.634
250	7.947	33.937	26.447	161.3	0.673
276	7.690	33.995	26.530	153.8	0.714
300	7.390	34.004	26.580	149.2	0.751
326	6.877	33.984	26.635	144.1	0.789
350	6.771	34.015	26.674	140.7	0.823
378	6.135	33.979	26.729	135.3	0.859
400	5.910	33.985	26.770	131.8	0.891
426	5.743	34.018	26.807	128.2	0.925
450	5.501	34.023	26.842	125.0	0.955
476	5.475	34.058	26.873	122.4	0.987
500	5.230	34.067	26.909	118.9	1.016

PRESS	TRANS	FLUOR
0	0.41	0.060
6	0.41	0.064
10	0.41	0.069
16	0.41	0.064
20	0.41	0.070
26	0.41	0.063
30	0.41	0.073
36	0.41	0.082
40	0.43	0.099
46	0.42	0.111
50	0.41	0.108
60	0.42	0.149
70	0.42	0.268
80	0.40	0.300
90	0.41	0.461
100	0.39	0.327
126	0.37	0.159
150	0.36	0.087
176	0.36	0.054
200	0.36	0.053
226	0.36	0.058
250	0.36	0.058
276	0.36	0.055
300	0.35	0.061
326	0.35	0.058
350	0.35	0.062
376	0.35	0.059
400	0.35	0.063
426	0.35	0.064
450	0.35	0.060
476	0.35	0.063
500	0.35	0.064

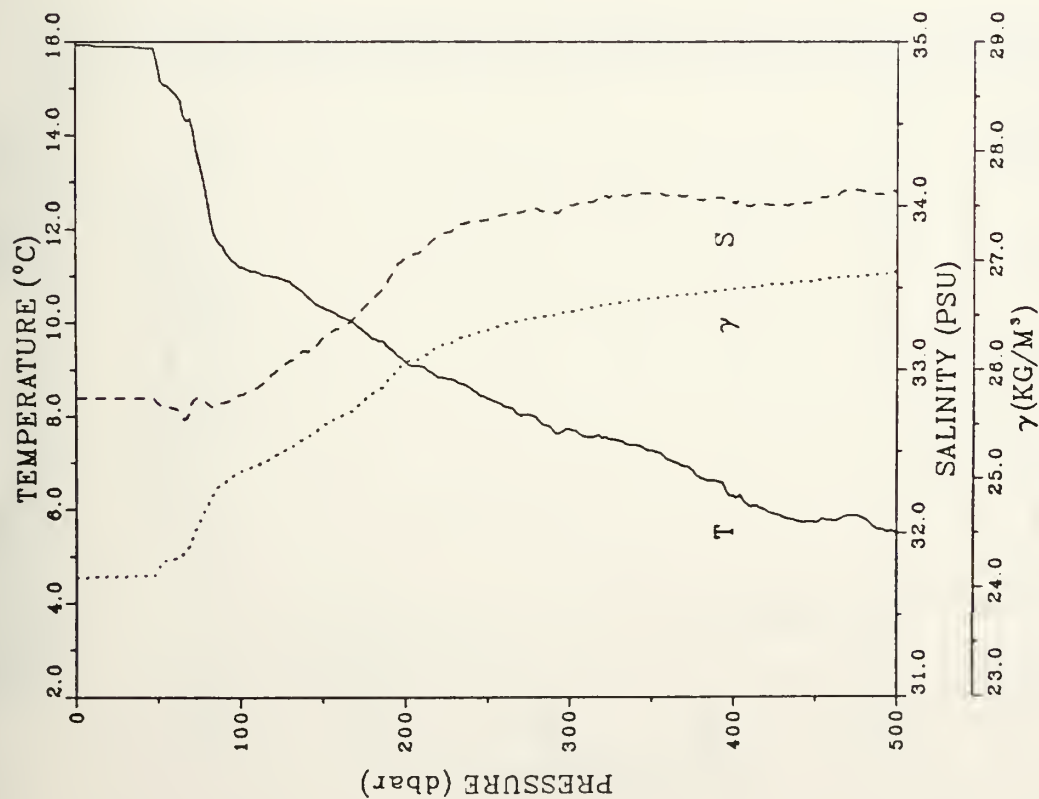


STATION: 146 LAT: 38 42.5 N LON: 125 50.0 W
 DATE: 7/11/88 TIME: 1136Z



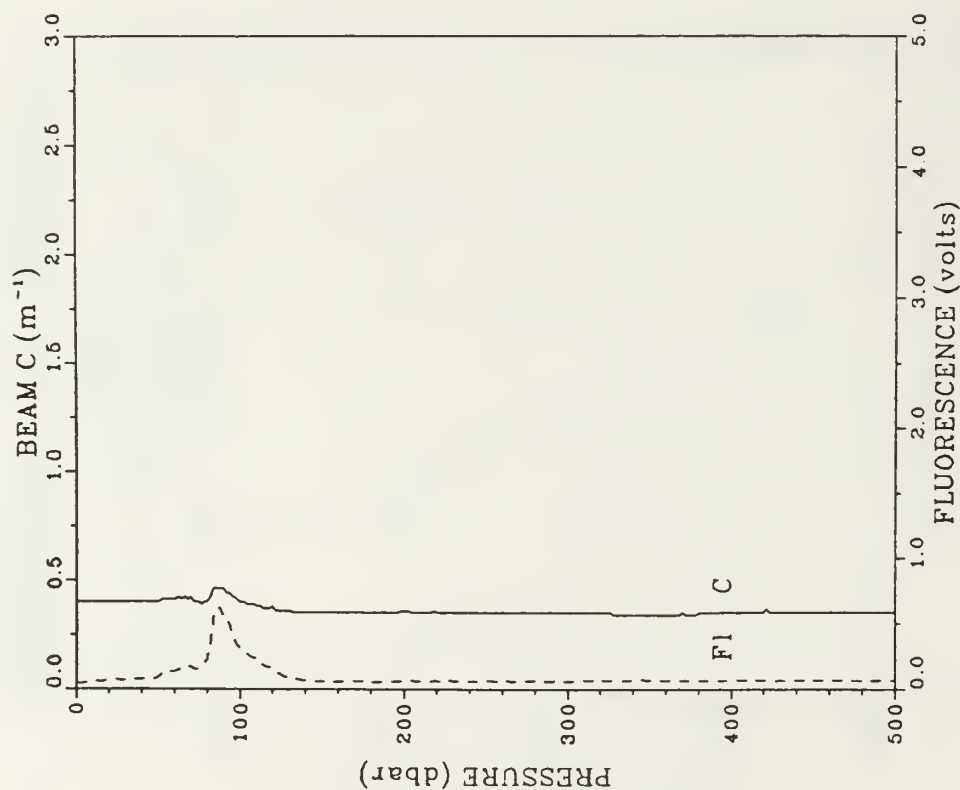
PRESS	TRANS	FLUOR
1	0.41	0.072
6	0.41	0.069
10	0.41	0.068
16	0.41	0.066
20	0.41	0.071
26	0.41	0.070
30	0.41	0.069
36	0.41	0.068
40	0.41	0.070
46	0.42	0.071
50	0.44	0.097
60	0.42	0.111
70	0.42	0.152
80	0.42	0.239
90	0.44	0.449
100	0.42	0.393
126	0.37	0.208
150	0.35	0.111
178	0.35	0.051
200	0.35	0.051
226	0.35	0.059
250	0.37	0.058
278	0.37	0.058
300	0.38	0.063
328	0.37	0.063
350	0.38	0.062
378	0.39	0.062
400	0.38	0.058
428	0.39	0.063
450	0.39	0.063
476	0.37	0.062
500	0.35	0.063

STATION: 147 LAT: 38 54.1 N LON: 125 58.1 W
 DATE: 7/11/88 TIME: 1400Z



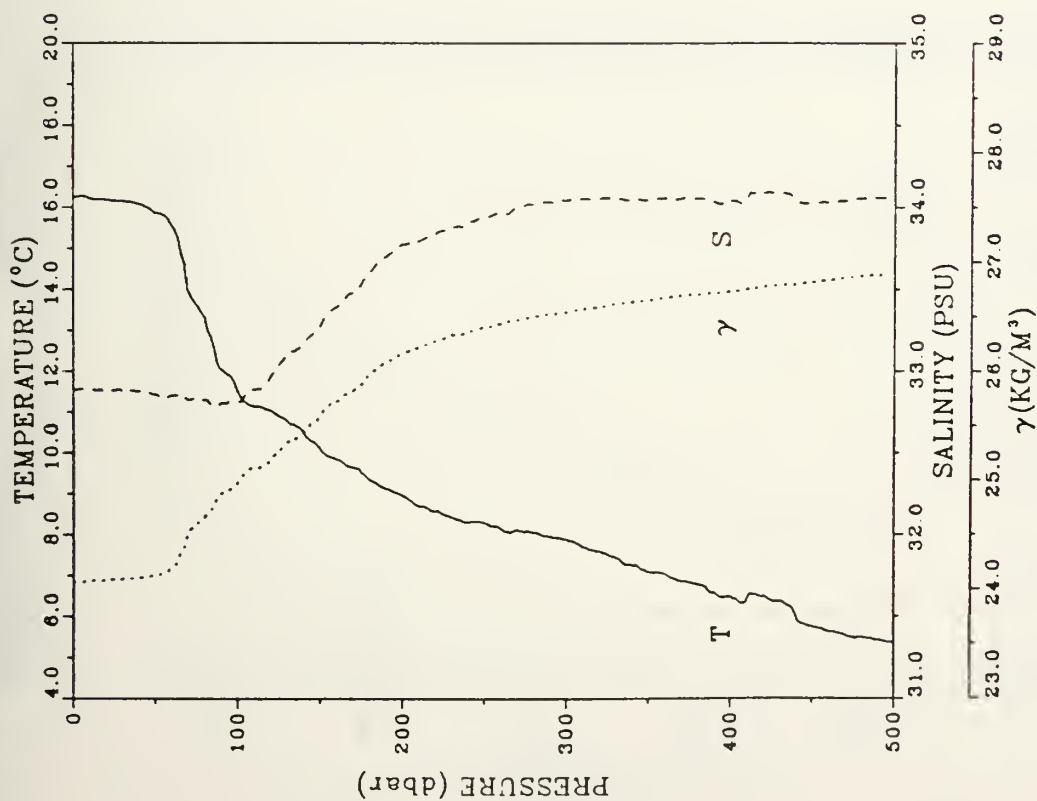
STATION: 152 LAT: 38 27.1 N LON: 126 8.5 W
DATE: 7/11/88 TIME: 1723Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.926	32.824	24.092	381.3	0.000
6	15.925	32.825	24.093	381.4	0.019
10	15.906	32.826	24.098	381.0	0.034
16	15.692	32.827	24.102	380.8	0.057
20	15.890	32.827	24.102	380.8	0.072
26	15.888	32.828	24.104	380.9	0.095
30	15.665	32.827	24.103	381.0	0.110
36	15.678	32.827	24.105	381.0	0.133
40	15.861	32.824	24.108	381.0	0.149
46	15.856	32.624	24.107	381.1	0.171
50	15.561	32.799	24.154	376.7	0.187
60	14.920	32.782	24.265	366.3	0.224
70	14.384	32.783	24.399	353.8	0.260
80	12.653	32.791	24.750	320.4	0.293
90	11.610	32.602	24.955	301.0	0.325
100	11.194	32.846	25.065	290.7	0.354
126	10.934	33.028	25.252	273.3	0.427
150	10.330	33.190	25.483	251.7	0.490
178	9.778	33.388	25.731	228.6	0.553
200	9.174	33.679	26.058	198.0	0.604
226	8.612	33.842	26.241	180.8	0.653
250	8.394	33.917	26.365	169.4	0.695
278	8.029	33.980	26.489	159.8	0.738
300	7.726	34.002	26.530	154.1	0.776
326	7.512	34.060	26.607	147.2	0.815
350	7.274	34.075	26.652	143.1	0.850
378	6.839	34.052	26.694	139.2	0.887
400	6.324	34.023	26.739	134.8	0.919
426	5.899	34.004	26.778	131.1	0.954
450	5.731	34.020	26.812	126.1	0.985
476	5.675	34.095	26.653	124.6	1.018
500	5.476	34.082	26.692	120.8	1.047



PRESS	TRANS	FLUOR
1	0.40	0.042
6	0.40	0.046
10	0.40	0.051
16	0.40	0.058
20	0.40	0.062
26	0.40	0.067
30	0.40	0.067
36	0.40	0.071
40	0.40	0.078
46	0.40	0.079
50	0.40	0.092
60	0.41	0.133
70	0.42	0.167
80	0.40	0.226
90	0.46	0.557
100	0.40	0.314
126	0.36	0.101
150	0.35	0.057
176	0.35	0.058
200	0.36	0.080
226	0.35	0.063
250	0.35	0.063
276	0.35	0.061
300	0.35	0.059
326	0.35	0.067
350	0.34	0.064
376	0.34	0.065
400	0.35	0.063
426	0.35	0.059
450	0.35	0.084
476	0.35	0.065
500	0.35	0.064

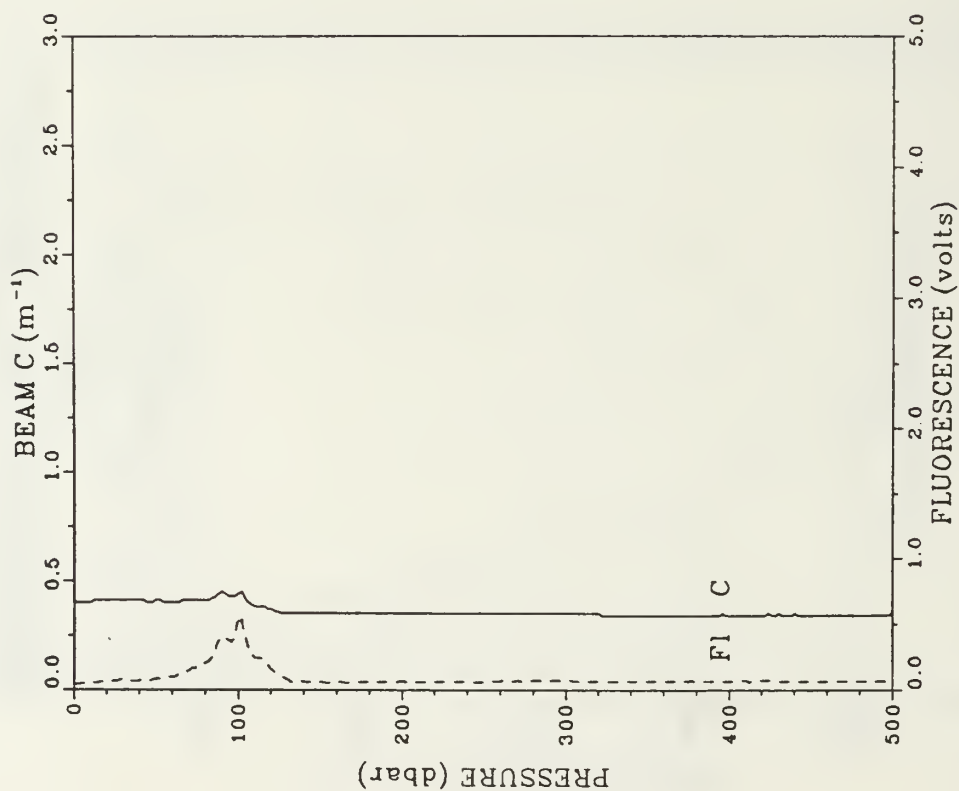
STATION: 152 LAT: 38 27.1 N LON: 126 8.5 W
 DATE: 7/11/88 TIME: 1723Z



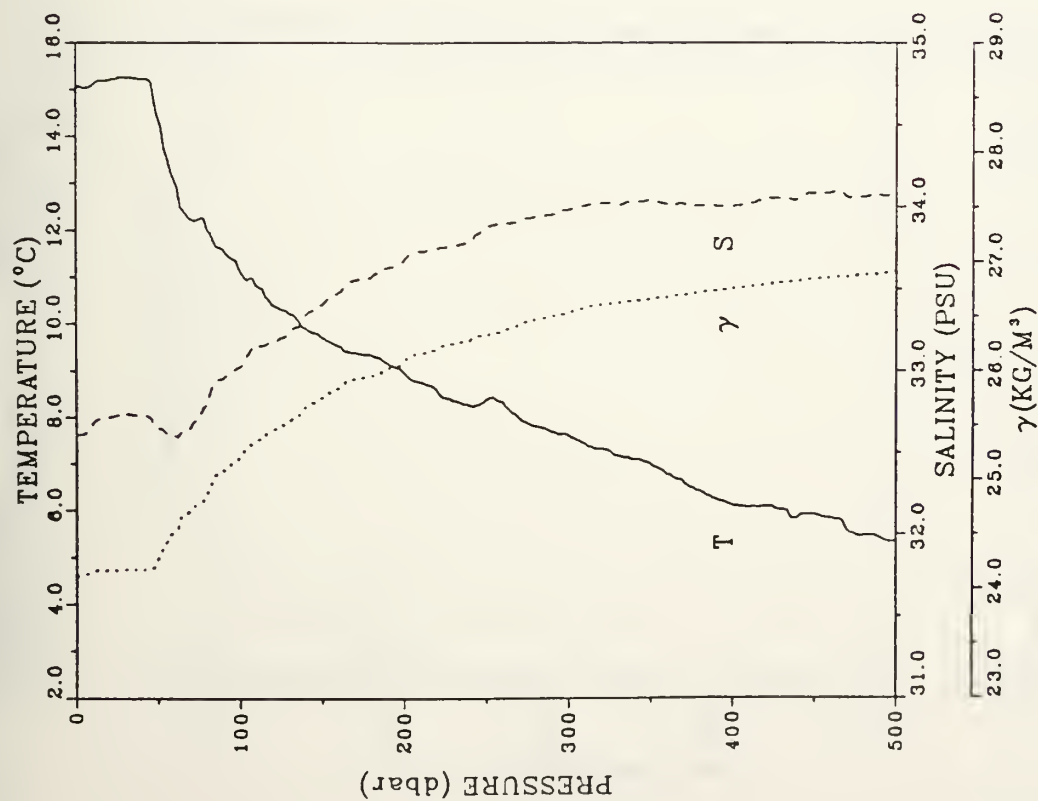
STATION: 153 LAT: 38 15.5 N LON: 125 59.6 W
DATE: 7/11/88 TIME: 1930Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	16.256	32.887	24.066	383.8	0.000
6	16.261	32.889	24.066	383.9	0.023
10	16.216	32.887	24.075	383.2	0.038
16	16.188	32.883	24.078	383.0	0.061
20	16.177	32.881	24.079	383.1	0.077
28	16.149	32.883	24.087	382.5	0.100
30	16.139	32.882	24.088	382.4	0.115
36	16.110	32.881	24.094	382.1	0.138
40	16.064	32.875	24.100	381.6	0.153
46	15.977	32.872	24.117	380.1	0.178
50	15.862	32.855	24.130	379.0	0.191
60	15.553	32.849	24.194	373.2	0.229
70	13.979	32.820	24.508	343.4	0.265
80	13.300	32.822	24.647	330.3	0.298
90	12.040	32.801	24.875	308.7	0.330
100	11.569	32.812	24.970	299.7	0.361
128	10.871	33.047	25.278	270.9	0.435
150	10.122	33.269	25.580	242.5	0.496
176	9.505	33.539	25.894	213.1	0.556
200	8.968	33.771	26.161	189.0	0.604
228	8.476	33.861	26.308	174.3	0.651
250	8.283	33.842	26.401	165.9	0.692
276	8.084	34.016	26.489	157.9	0.734
300	7.870	34.043	26.542	153.2	0.771
328	7.481	34.057	26.609	147.0	0.810
350	7.098	34.040	26.649	143.3	0.845
378	6.806	34.055	26.701	138.5	0.882
400	6.475	34.035	26.729	135.9	0.915
426	6.306	34.085	26.763	131.1	0.949
450	5.742	34.022	26.812	128.1	0.980
478	5.470	34.044	26.863	123.3	1.013
500	5.336	34.059	26.890	120.8	1.042

PRESS	TRANS	FLUOR
0	0.40	0.040
8	0.40	0.044
10	0.40	0.049
16	0.41	0.058
20	0.41	0.062
28	0.41	0.064
30	0.41	0.073
36	0.41	0.065
40	0.41	0.072
46	0.40	0.072
50	0.41	0.065
60	0.40	0.097
70	0.41	0.144
80	0.41	0.205
90	0.45	0.404
100	0.44	0.518
126	0.35	0.099
150	0.35	0.056
176	0.35	0.059
200	0.35	0.062
226	0.35	0.062
250	0.35	0.063
276	0.35	0.065
300	0.35	0.071
326	0.34	0.066
350	0.34	0.064
376	0.34	0.069
400	0.34	0.064
426	0.34	0.068
450	0.34	0.061
476	0.34	0.063
500	0.35	0.065



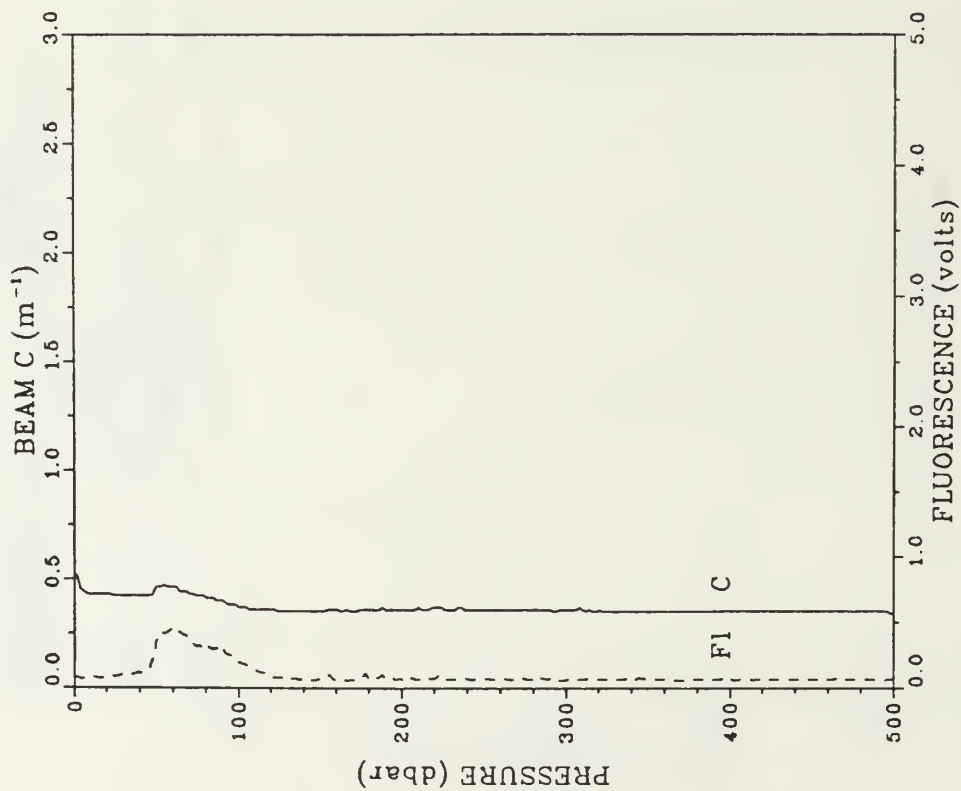
STATION: 153 LAT: 38 15.5 N LON: 125 59.6 W
 DATE: 7/11/88 TIME: 1930Z



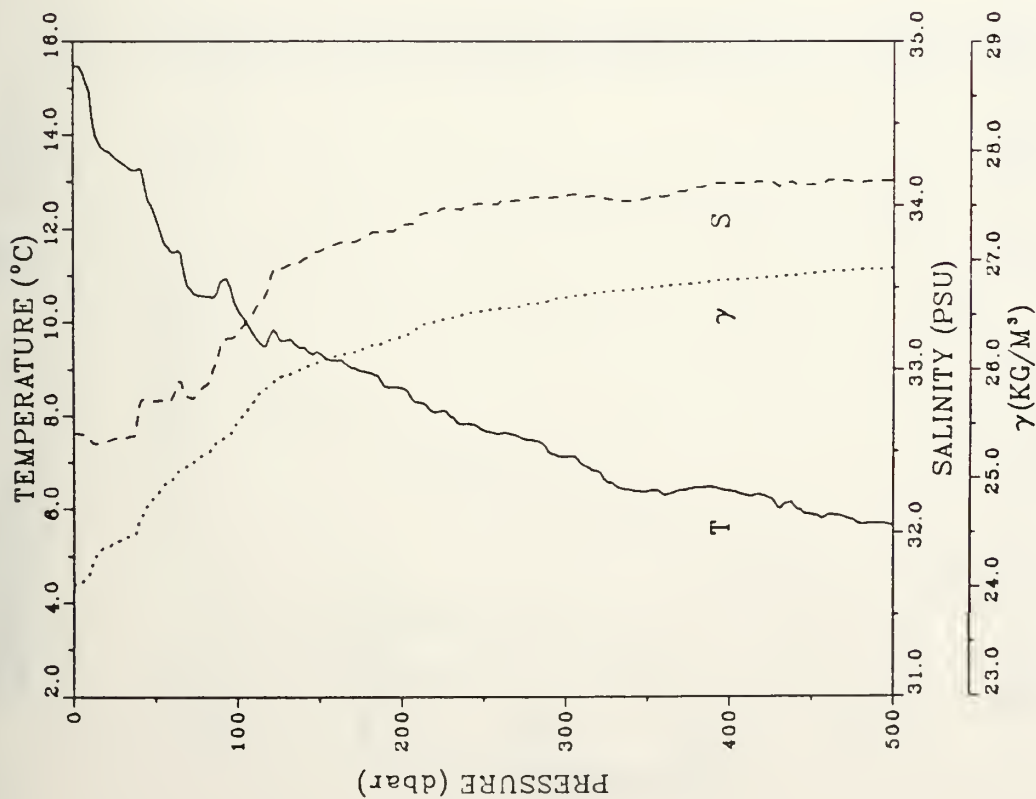
STATION: 154 LAT: 38 3.4 N LONG: 125 50.9 W
 DATE: 7/11/88 TIME: 2130Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.058	32.804	24.114	378.2	0.000
8	15.040	32.618	24.128	378.0	0.019
10	15.088	32.888	24.156	375.4	0.034
16	15.190	32.709	24.166	374.6	0.056
20	15.197	32.712	24.167	374.7	0.071
28	15.248	32.728	24.168	374.7	0.094
30	15.257	32.733	24.170	374.6	0.109
38	15.235	32.727	24.170	374.8	0.131
40	15.221	32.725	24.172	374.6	0.146
46	15.133	32.703	24.174	374.7	0.169
50	14.457	32.644	24.273	365.3	0.184
60	13.079	32.802	24.521	341.6	0.219
70	12.244	32.652	24.721	322.9	0.252
60	12.020	32.803	24.880	308.0	0.284
90	11.588	32.956	25.079	289.2	0.314
100	11.148	33.024	25.211	278.8	0.342
126	10.305	33.205	25.499	249.7	0.410
150	9.720	33.403	25.752	226.1	0.468
178	9.357	33.584	25.937	208.9	0.524
200	8.954	33.674	26.087	195.0	0.573
226	8.414	33.756	26.235	181.2	0.621
250	8.398	33.871	26.328	172.6	0.664
278	7.854	33.930	26.455	160.9	0.707
300	7.601	33.982	26.533	153.6	0.745
328	7.244	34.019	26.612	146.5	0.784
350	7.000	34.032	26.656	142.5	0.819
378	6.482	34.005	26.705	137.9	0.855
400	6.118	34.004	26.751	133.5	0.888
426	6.038	34.052	26.799	129.3	0.922
450	5.920	34.084	26.839	125.7	0.953
476	5.477	34.054	26.870	122.7	0.985
500	5.360	34.087	26.910	119.0	1.014

PRESS	TRANS	FLUOR
1	0.52	0.075
8	0.44	0.068
10	0.43	0.077
16	0.43	0.070
20	0.43	0.084
26	0.42	0.087
30	0.42	0.100
38	0.42	0.103
40	0.42	0.110
48	0.42	0.159
50	0.46	0.348
60	0.48	0.455
70	0.43	0.367
80	0.41	0.325
90	0.40	0.311
100	0.37	0.194
128	0.35	0.082
150	0.35	0.062
176	0.36	0.066
200	0.36	0.067
228	0.36	0.064
250	0.36	0.067
278	0.36	0.065
300	0.36	0.063
326	0.35	0.066
350	0.35	0.068
378	0.35	0.067
400	0.35	0.065
426	0.35	0.063
450	0.35	0.066
478	0.35	0.065
500	0.34	0.063

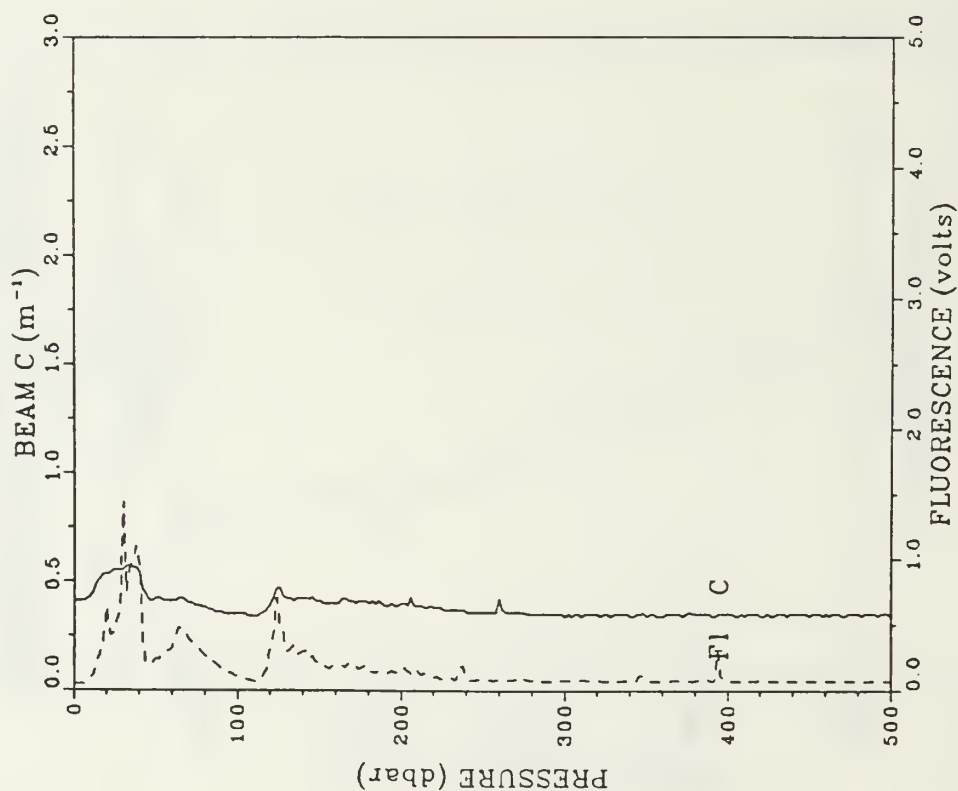


STATION: 154 LAT: 38 3.4 N LON: 125 50.9 W
 DATE: 7/11/88 TIME: 2130Z



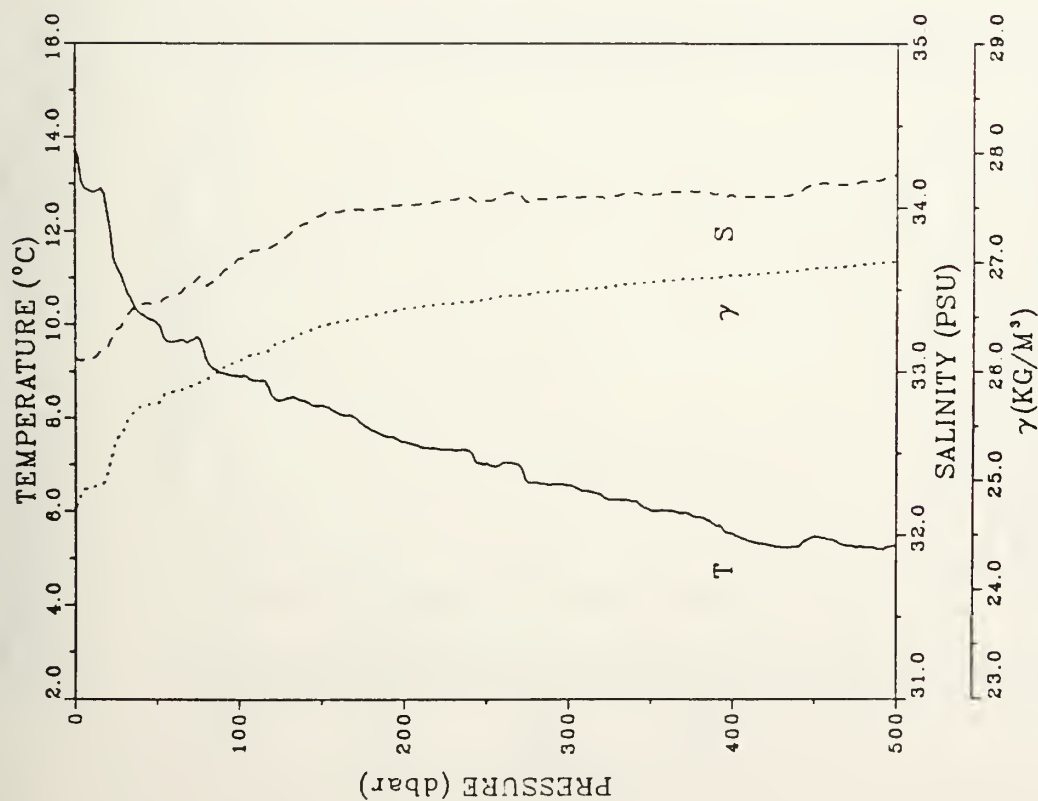
STATION: 155 LAT: 37 51.3 N LON: 125 42.4 W
 DATE: 7/11/88 TIME: 2318Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.455	32.606	24.029	387.3	0.000
8	15.313	32.600	24.055	384.9	0.023
10	14.934	32.576	24.120	378.8	0.036
16	13.634	32.548	24.328	359.2	0.061
20	13.655	32.561	24.374	354.9	0.075
26	13.493	32.576	24.418	350.8	0.096
30	13.379	32.578	24.443	348.6	0.110
36	13.256	32.569	24.476	345.6	0.131
40	13.266	32.770	24.610	332.9	0.144
48	12.596	32.814	24.779	316.9	0.164
50	12.325	32.806	24.825	312.6	0.176
60	11.496	32.812	24.983	297.6	0.207
70	10.773	32.630	25.126	284.1	0.236
80	10.560	32.899	25.217	275.7	0.264
90	10.873	33.144	25.353	263.0	0.291
100	10.291	33.223	25.516	247.7	0.317
128	9.603	33.607	25.931	208.7	0.376
150	9.344	33.725	26.065	196.3	0.424
176	8.951	33.800	26.187	185.2	0.474
200	8.597	33.876	26.301	174.6	0.517
226	8.123	33.985	26.459	159.9	0.561
250	7.704	34.007	26.538	152.7	0.598
276	7.506	34.046	26.597	147.4	0.637
300	7.131	34.061	26.661	141.4	0.672
326	6.577	34.037	26.717	136.1	0.706
350	6.397	34.046	26.748	133.4	0.740
376	6.460	34.101	26.783	130.5	0.775
400	6.402	34.137	26.819	127.4	0.806
426	6.216	34.140	26.846	125.1	0.838
450	5.885	34.127	26.877	122.1	0.868
476	5.770	34.147	26.908	119.4	0.899
500	5.641	34.147	26.923	118.1	0.928



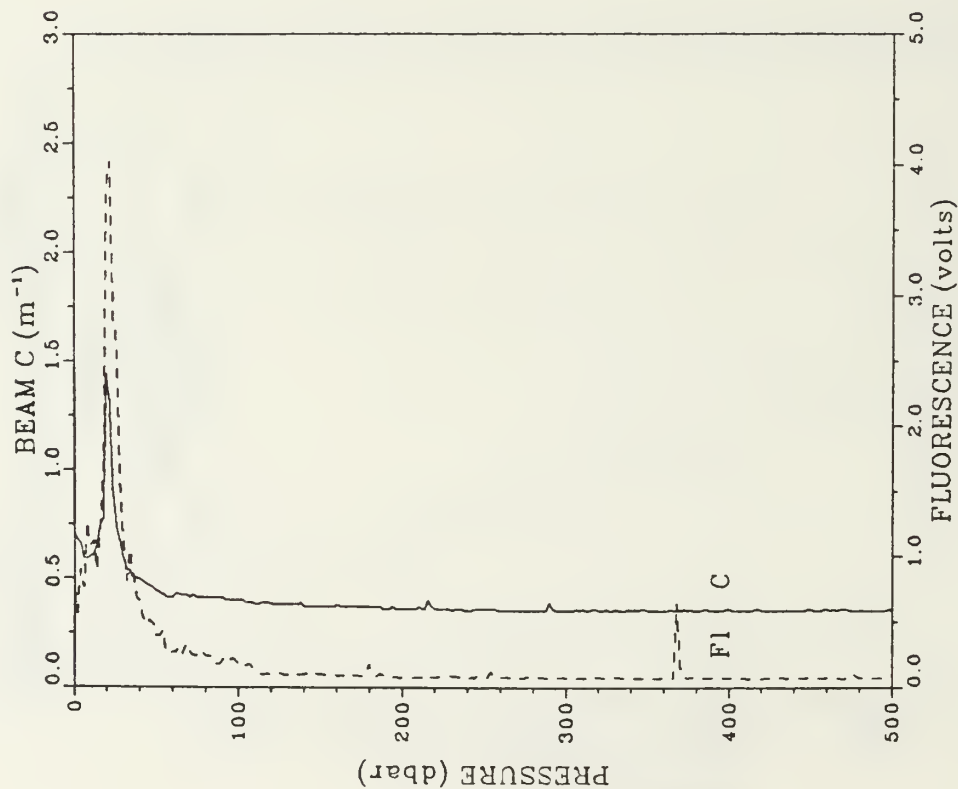
PRESS	TRANS	FLUOR
0	0.41	0.047
6	0.41	0.046
10	0.43	0.086
16	0.51	0.267
20	0.53	0.634
26	0.55	0.528
30	0.55	1.435
36	0.56	0.894
40	0.54	0.951
46	0.41	0.187
50	0.42	0.235
60	0.41	0.323
70	0.40	0.397
80	0.38	0.260
90	0.38	0.161
100	0.35	0.105
128	0.47	0.495
150	0.41	0.201
176	0.41	0.178
200	0.40	0.136
226	0.37	0.065
250	0.36	0.081
278	0.35	0.080
300	0.34	0.076
326	0.35	0.070
350	0.34	0.078
376	0.36	0.072
400	0.35	0.079
426	0.34	0.072
450	0.34	0.069
476	0.35	0.073
500	0.34	0.066

STATION: 155 LAT: 37 51.3 N LON: 125 42.4 W
 DATE: 7/11/88 TIME: 2318Z



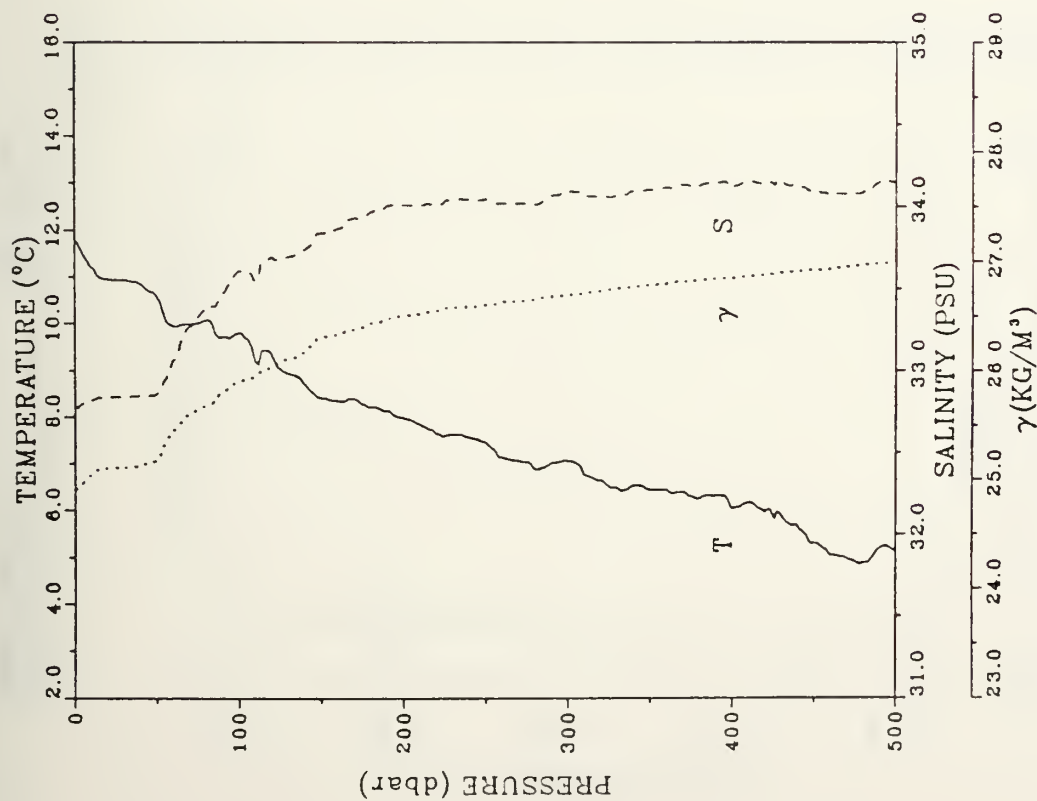
STATION: 156 LAT: 37 39.7 N LON: 125 33.4 W
 DATE: 7/12/88 TIME: 0111Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	13.731	33.087	24.785	317.2	0.000
6	12.903	33.072	24.919	302.6	0.015
10	12.632	33.075	24.936	301.1	0.028
18	12.924	33.125	24.956	299.3	0.046
20	12.402	33.143	25.071	288.4	0.057
26	11.183	33.262	25.390	258.2	0.074
30	10.878	33.303	25.476	250.1	0.084
36	10.413	33.391	25.628	236.0	0.096
40	10.226	33.409	25.672	231.7	0.108
46	10.109	33.417	25.698	229.3	0.122
50	10.038	33.416	25.709	228.3	0.131
60	9.643	33.466	25.814	218.5	0.153
70	9.657	33.532	25.863	214.0	0.175
80	9.250	33.522	25.921	208.6	0.196
90	8.952	33.606	26.035	198.0	0.216
100	8.895	33.689	26.108	191.2	0.236
126	8.385	33.796	26.271	176.1	0.283
150	8.266	33.956	26.415	162.9	0.324
178	7.831	33.983	26.500	155.1	0.385
200	7.493	34.018	26.577	146.1	0.402
226	7.328	34.044	26.620	144.3	0.440
250	7.041	34.044	26.660	140.7	0.474
278	6.632	34.033	26.707	136.4	0.510
300	6.572	34.065	26.740	133.6	0.542
326	6.266	34.067	26.762	129.8	0.577
350	6.033	34.075	26.818	126.6	0.607
378	5.911	34.097	26.850	123.7	0.640
400	5.541	34.074	26.678	121.1	0.669
426	5.255	34.071	26.909	118.1	0.700
450	5.480	34.146	26.942	115.6	0.729
476	5.229	34.152	26.977	112.3	0.758
500	5.260	34.200	27.011	109.4	0.785



PRESS	TRANS	FLUOR
1	0.70	0.716
6	0.59	0.759
10	0.60	1.079
16	0.74	1.212
20	1.44	3.817
28	0.72	2.648
30	0.59	1.142
36	0.50	0.868
40	0.49	0.849
46	0.46	0.511
50	0.44	0.389
60	0.41	0.269
70	0.41	0.288
80	0.41	0.234
90	0.41	0.196
100	0.40	0.177
126	0.38	0.104
150	0.37	0.102
178	0.37	0.084
200	0.36	0.074
226	0.36	0.087
250	0.36	0.077
278	0.35	0.083
300	0.35	0.073
326	0.35	0.070
350	0.35	0.072
378	0.36	0.076
400	0.36	0.069
428	0.35	0.069
450	0.36	0.072
476	0.35	0.102
500	0.35	0.068

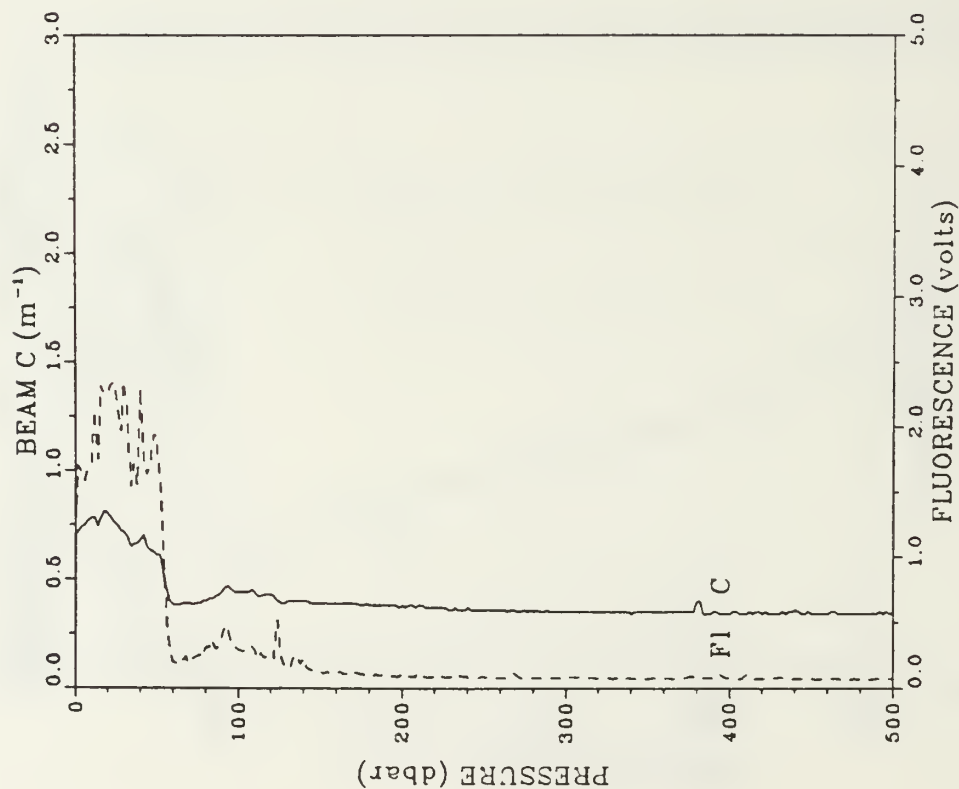
STATION: 156 LAT: 37 39.7 N LON: 125 33.4 W
 DATE: 7/12/88 TIME: 0111Z



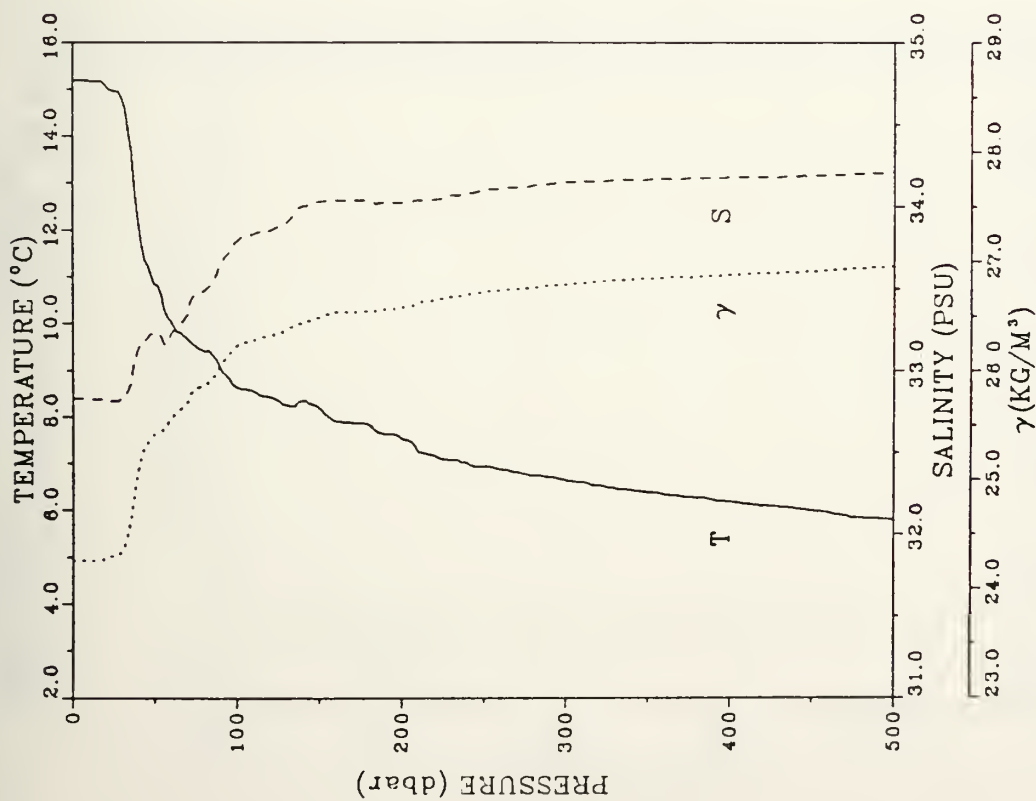
STATION: 955 LAT: 37 44.8 N LON: 125 37.0 W
DATE: 7/12/88 TIME: 0218Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	11.775	32.777	24.905	303.8	0.000
6	11.432	32.800	24.986	296.2	0.015
10	11.213	32.818	25.039	291.2	0.027
18	10.983	32.833	25.095	286.0	0.044
20	10.943	32.838	25.101	285.5	0.055
26	10.932	32.837	25.104	285.4	0.073
30	10.928	32.838	25.106	285.3	0.084
38	10.895	32.840	25.113	284.8	0.101
40	10.848	32.848	25.126	283.6	0.113
46	10.680	32.844	25.154	281.1	0.129
50	10.611	32.856	25.175	279.1	0.141
60	9.938	33.061	25.449	253.2	0.167
70	9.996	33.268	25.599	239.1	0.192
80	10.073	33.378	25.872	232.4	0.215
90	9.721	33.482	25.798	220.6	0.238
100	9.799	33.604	25.896	211.5	0.260
128	9.000	33.677	26.083	194.1	0.312
150	8.412	33.838	26.300	173.8	0.357
178	8.285	33.934	26.397	164.9	0.401
200	7.980	34.009	26.499	155.8	0.439
226	7.625	34.038	26.572	149.0	0.479
250	7.479	34.045	26.800	146.7	0.514
278	7.037	34.019	26.641	142.9	0.552
300	7.079	34.084	26.694	138.2	0.588
328	6.504	34.058	26.742	133.7	0.821
350	6.460	34.100	26.783	130.2	0.653
376	6.292	34.121	26.821	126.8	0.686
400	6.058	34.111	26.843	124.8	0.718
428	5.823	34.124	26.883	121.2	0.748
450	5.309	34.091	26.919	117.8	0.777
476	4.697	34.075	26.954	114.1	0.807
500	5.133	34.148	26.983	111.9	0.834

PRESS	TRANS	FLUOR
1	0.71	1.366
6	0.75	1.587
10	0.76	1.721
16	0.78	2.316
20	0.80	2.250
26	0.74	2.168
30	0.71	2.346
36	0.66	1.713
40	0.68	2.299
46	0.63	1.727
50	0.61	1.920
60	0.36	0.195
70	0.39	0.183
80	0.40	0.308
90	0.44	0.365
100	0.44	0.290
126	0.39	0.237
150	0.39	0.132
176	0.36	0.106
200	0.36	0.109
226	0.37	0.084
250	0.36	0.082
276	0.35	0.077
300	0.35	0.075
326	0.35	0.077
350	0.35	0.070
376	0.35	0.090
400	0.34	0.075
426	0.34	0.073
450	0.34	0.066
476	0.34	0.068
500	0.34	0.069

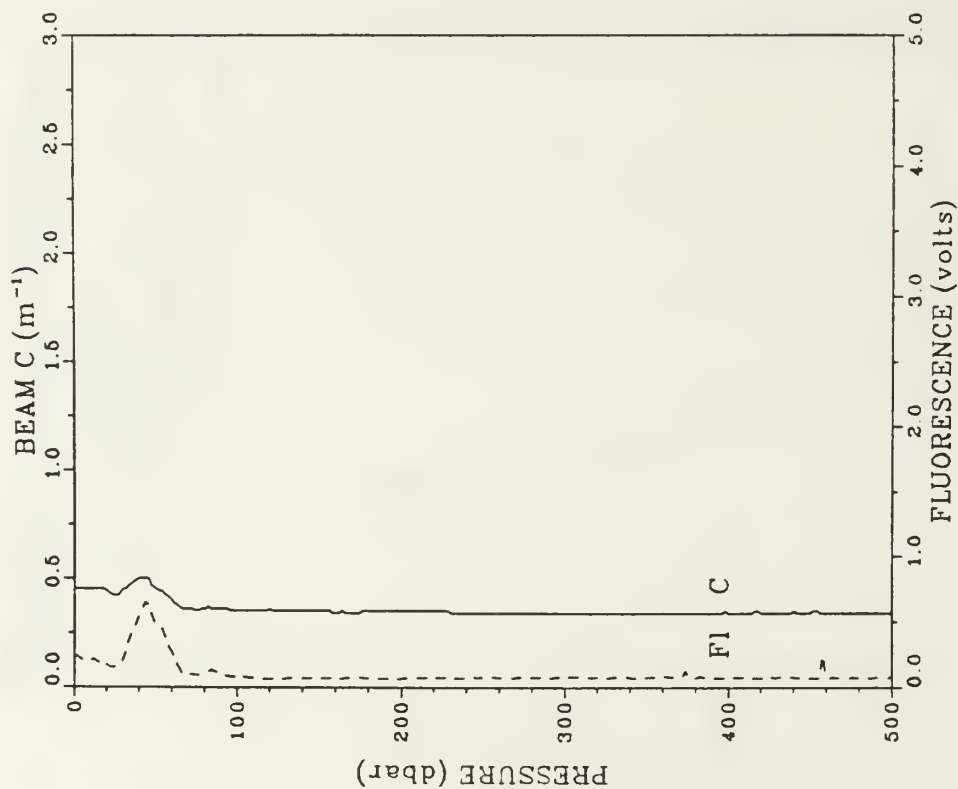


STATION: 955 LAT: 37 44.8 N LON: 125 37.0 W
 DATE: 7/12/88 TIME: 0218Z

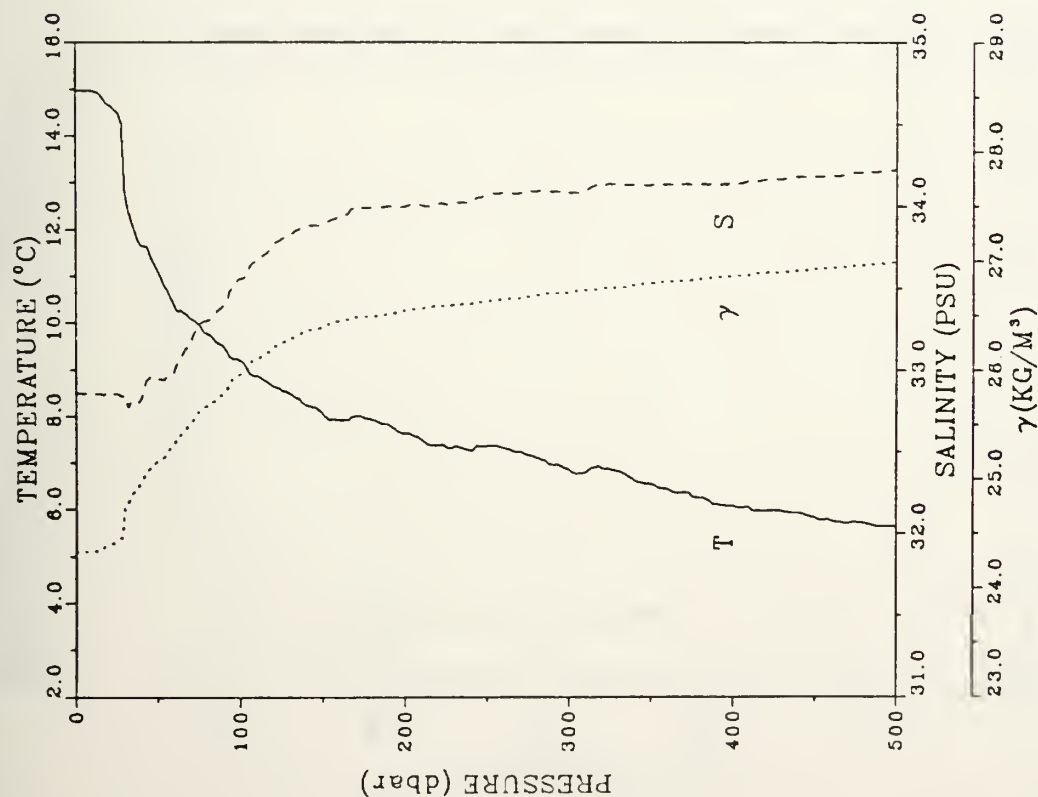


STATION: 157 LAT: 37 27.6 N LON: 125 24.2 W
 DATE: 7/12/88 TIME: 0500Z

PRESS	TRANS	FLUOR
0	0.45	0.234
6	0.45	0.212
10	0.45	0.197
16	0.45	0.188
20	0.44	0.188
26	0.42	0.157
30	0.45	0.206
36	0.48	0.435
40	0.50	0.539
46	0.49	0.619
50	0.45	0.494
60	0.40	0.270
70	0.36	0.104
80	0.36	0.109
90	0.36	0.092
100	0.35	0.076
126	0.35	0.067
150	0.35	0.071
178	0.35	0.068
200	0.35	0.067
226	0.35	0.073
250	0.34	0.072
276	0.34	0.071
300	0.34	0.073
326	0.34	0.073
350	0.34	0.074
376	0.34	0.079
400	0.34	0.071
426	0.34	0.077
450	0.34	0.071
476	0.34	0.074
500	0.34	0.084



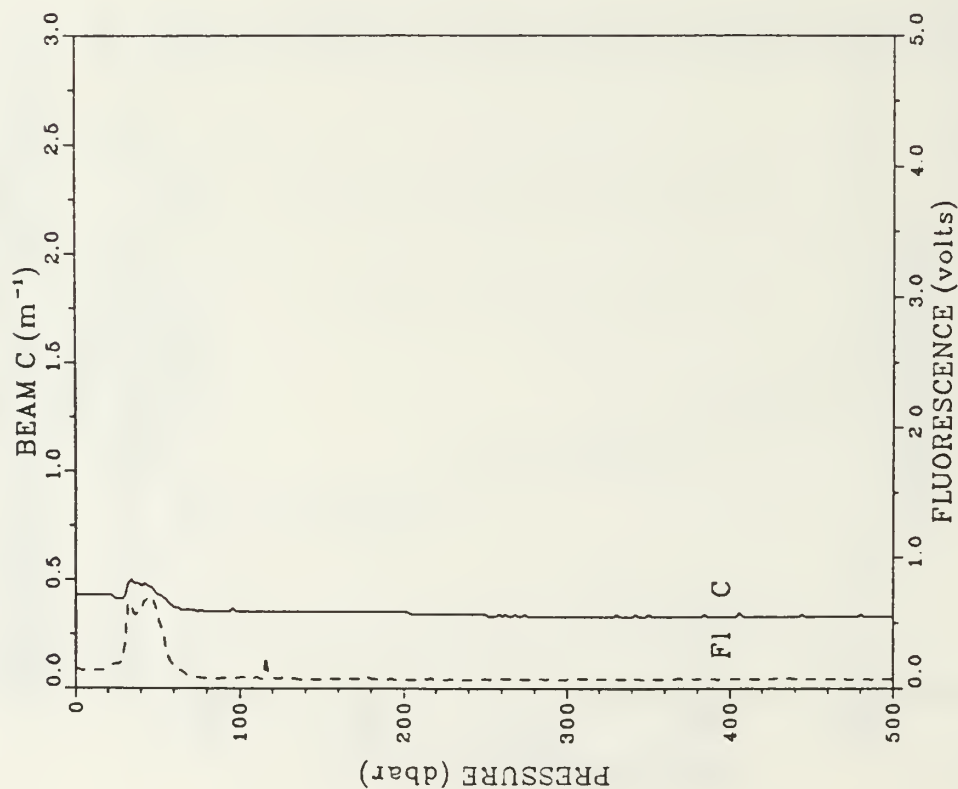
STATION: 157 LAT: 37 27.6 N LON: 125 24.2 W
 DATE: 7/12/88 TIME: 0500Z



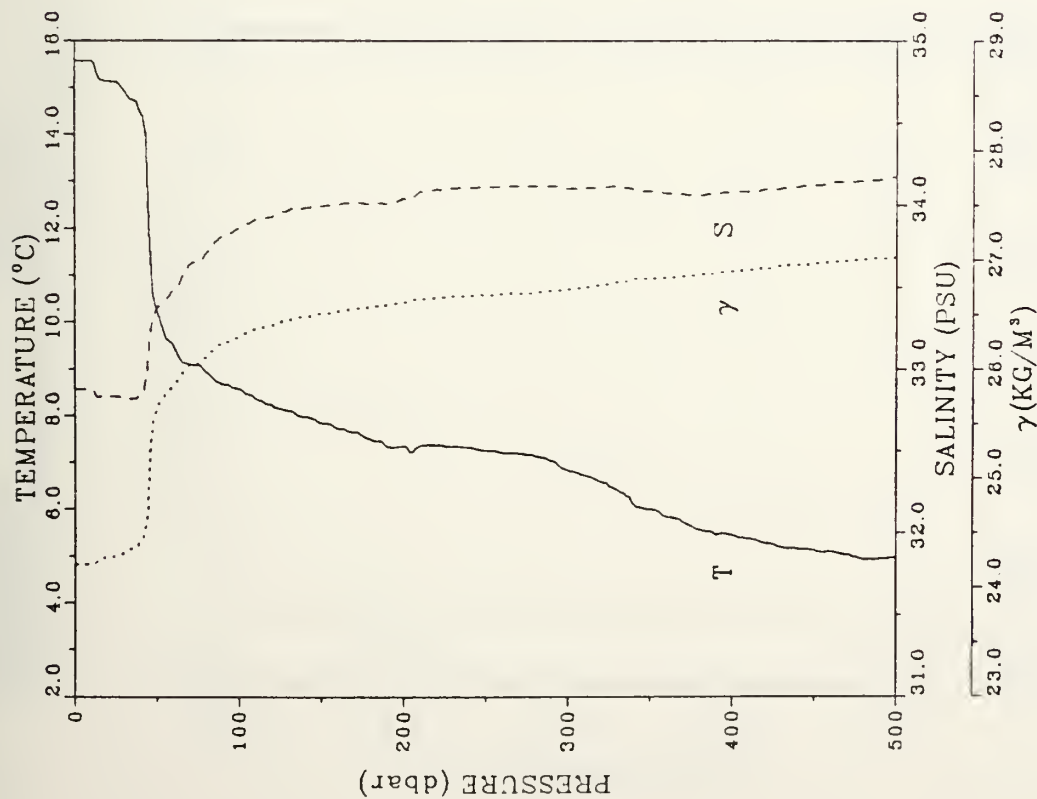
STATION: 158 LAT: 37 17.2 N LON: 125 15.6 W
 DATE: 7/12/88 TIME: 0706Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	14.957	32.854	24.328	358.8	0.000
6	14.959	32.854	24.328	359.0	0.022
10	14.959	32.853	24.327	359.2	0.036
18	14.845	32.848	24.347	357.3	0.057
20	14.862	32.852	24.390	353.4	0.072
26	14.466	32.846	24.426	350.1	0.093
30	12.827	32.842	24.756	318.7	0.106
36	11.985	32.794	24.880	307.0	0.125
40	11.645	32.819	24.962	299.3	0.137
46	11.435	32.960	25.110	285.3	0.155
50	11.130	32.948	25.155	281.0	0.166
60	10.395	32.983	25.311	268.4	0.193
70	10.086	33.149	25.493	249.2	0.219
80	9.765	33.303	25.667	232.9	0.243
90	9.503	33.390	25.777	222.5	0.266
100	9.196	33.555	25.958	205.7	0.287
126	6.551	33.804	26.252	178.0	0.337
150	8.073	33.889	26.391	165.1	0.378
178	7.960	33.990	26.487	156.4	0.420
200	7.633	34.000	26.542	151.4	0.457
226	7.332	34.007	26.591	147.1	0.496
250	7.378	34.072	26.635	143.2	0.531
276	7.181	34.089	26.678	139.7	0.567
300	6.871	34.081	26.713	136.4	0.601
328	6.866	34.134	26.755	132.6	0.636
350	6.555	34.132	26.795	129.1	0.667
378	6.277	34.126	26.827	126.2	0.700
400	6.095	34.137	26.859	123.4	0.730
428	5.987	34.166	26.895	120.2	0.762
450	5.839	34.180	26.925	117.5	0.790
476	5.736	34.206	26.958	114.8	0.821
500	5.636	34.219	26.961	112.7	0.848

PRESS	TRANS	FLUOR
0	0.43	0.145
8	0.43	0.138
10	0.43	0.140
18	0.43	0.138
20	0.43	0.152
28	0.41	0.190
30	0.42	0.323
38	0.48	0.564
40	0.47	0.598
48	0.48	0.710
50	0.43	0.568
60	0.37	0.174
70	0.38	0.099
80	0.35	0.078
90	0.35	0.074
100	0.35	0.081
128	0.35	0.081
150	0.35	0.088
178	0.35	0.071
200	0.35	0.064
228	0.34	0.068
250	0.34	0.088
278	0.33	0.072
300	0.33	0.069
328	0.33	0.070
350	0.34	0.065
378	0.33	0.068
400	0.33	0.071
428	0.33	0.070
450	0.33	0.072
476	0.33	0.068
500	0.33	0.069



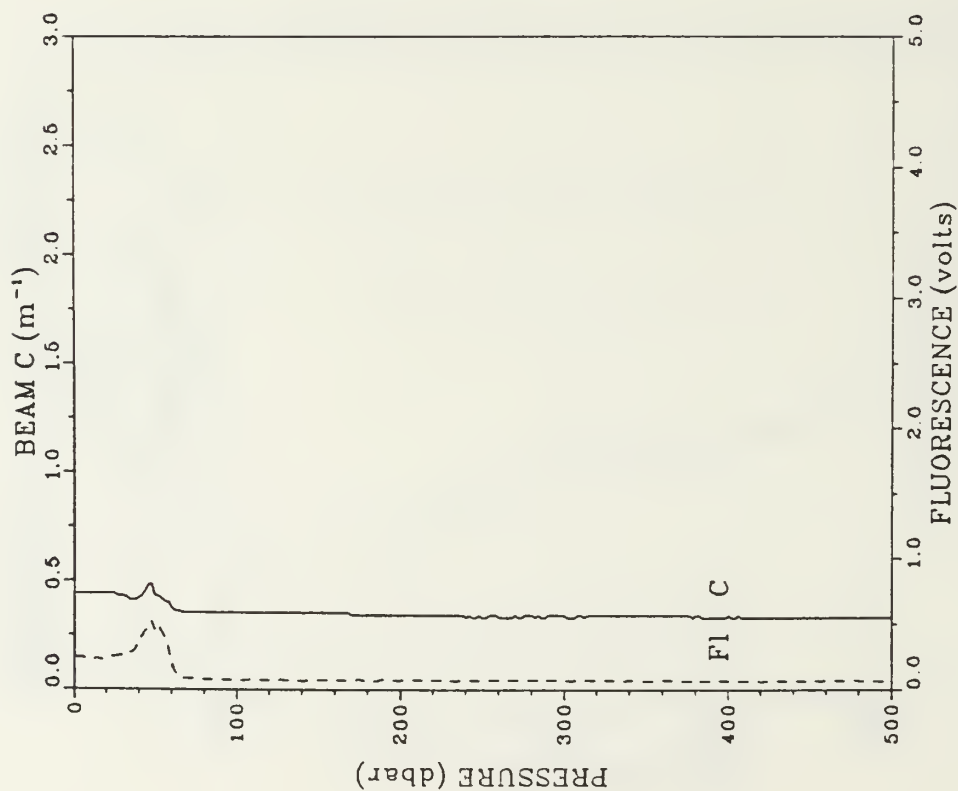
STATION: 158 LAT: 37 17.2 N LON: 125 15.6 W
 DATE: 7/12/88 TIME: 0706Z



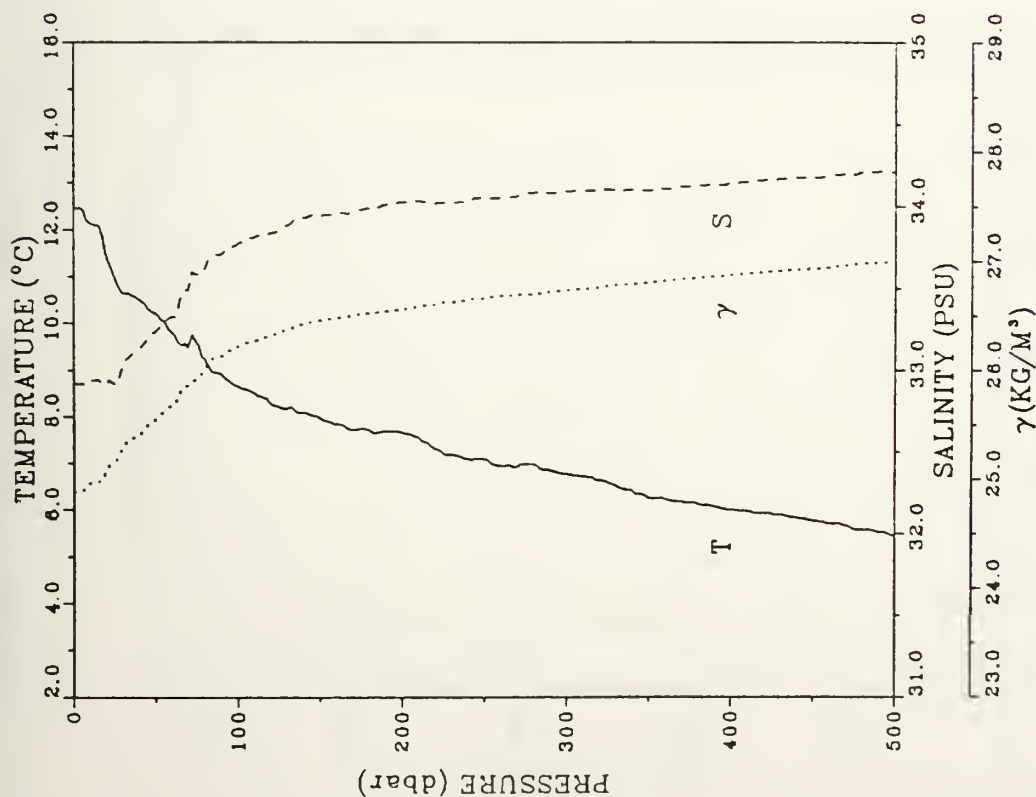
STATION: 159 LAT: 37 12.6 N LON: 125 44.0 W
 DATE: 7/12/88 TIME: 1000Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.563	32.873	24.210	370.0	0.000
6	15.563	32.878	24.213	369.9	0.018
10	15.559	32.874	24.212	370.1	0.033
18	15.154	32.830	24.287	365.0	0.055
20	15.132	32.832	24.273	384.5	0.070
26	15.096	32.830	24.280	364.1	0.092
30	14.949	32.823	24.308	381.7	0.106
36	14.719	32.817	24.351	357.6	0.128
40	14.509	32.850	24.421	351.0	0.142
48	11.811	33.217	25.240	272.9	0.181
50	10.300	33.361	25.822	236.6	0.171
60	9.524	33.485	25.848	215.2	0.194
70	9.102	33.637	28.035	197.8	0.214
80	8.918	33.703	28.118	190.1	0.234
90	8.868	33.809	26.238	178.7	0.252
100	8.568	33.856	26.290	173.9	0.270
126	8.130	33.958	26.438	180.4	0.313
150	7.852	33.992	28.504	154.3	0.351
178	7.551	34.010	28.582	149.1	0.390
200	7.301	34.041	28.613	144.5	0.428
226	7.348	34.098	26.660	140.5	0.463
250	7.268	34.110	26.681	138.9	0.498
278	7.173	34.118	26.699	137.5	0.532
300	6.838	34.100	28.732	134.5	0.565
328	6.484	34.115	28.791	129.1	0.599
350	6.001	34.085	26.830	125.4	0.630
376	5.638	34.062	28.658	122.9	0.862
400	5.440	34.081	28.895	119.3	0.691
426	5.237	34.098	26.931	116.1	0.721
450	5.131	34.120	26.983	113.3	0.749
478	4.970	34.143	26.999	109.8	0.778
500	4.969	34.172	27.023	108.0	0.804

PRESS	TRANS	FLUOR
1	0.44	0.244
6	0.44	0.237
10	0.44	0.232
16	0.44	0.222
20	0.44	0.241
26	0.43	0.254
30	0.43	0.265
36	0.41	0.283
40	0.42	0.384
46	0.48	0.502
50	0.43	0.436
60	0.37	0.208
70	0.35	0.084
80	0.35	0.074
90	0.35	0.072
100	0.35	0.069
126	0.35	0.075
150	0.35	0.069
176	0.34	0.070
200	0.34	0.069
226	0.34	0.070
250	0.33	0.071
276	0.34	0.068
300	0.34	0.069
326	0.34	0.069
350	0.34	0.065
376	0.34	0.066
400	0.34	0.065
426	0.33	0.064
450	0.33	0.063
476	0.33	0.068
500	0.33	0.064

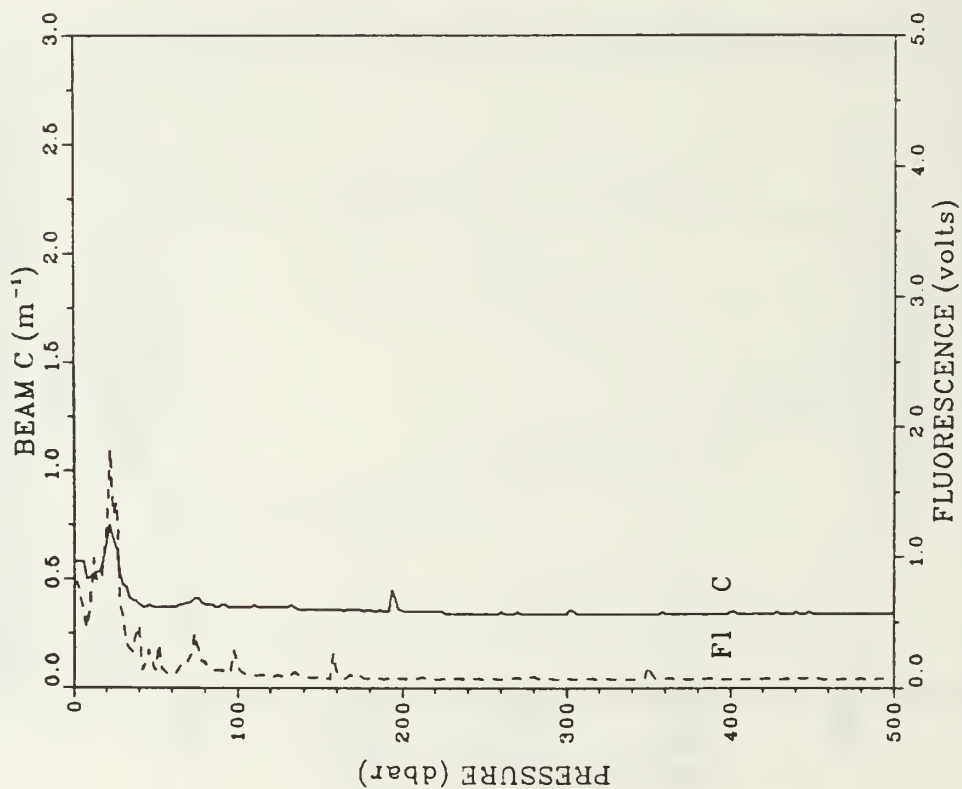


STATION: 159 LAT: 37 12.6 N LON: 125 44.0 W
 DATE: 7/12/88 TIME: 1000Z



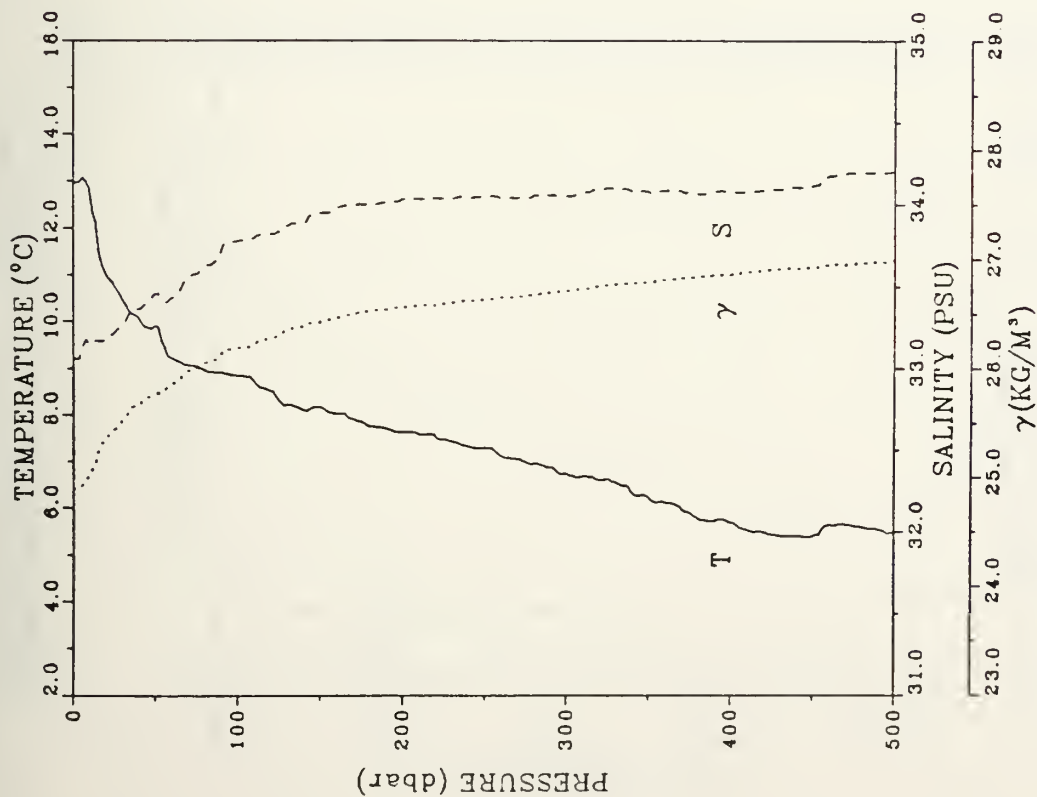
STATION: 160 LAT: 37 23.5 N LONG: 125 52.9 W
DATE: 7/12/88 TIME: 1148Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	12.467	32.913	24.881	306.1	0.000
6	12.407	32.917	24.895	304.9	0.018
10	12.127	32.929	24.958	299.0	0.030
16	12.062	32.936	24.975	297.5	0.048
20	11.473	32.916	25.069	288.7	0.060
26	10.904	32.908	25.164	279.7	0.077
30	10.633	33.009	25.290	267.8	0.088
36	10.592	33.100	25.368	260.5	0.104
40	10.499	33.133	25.410	256.6	0.114
46	10.302	33.208	25.502	247.9	0.129
50	10.217	33.235	25.538	244.6	0.139
60	9.801	33.326	25.679	231.4	0.163
70	9.474	33.486	25.857	214.6	0.185
80	9.218	33.622	26.005	200.7	0.206
90	8.904	33.708	26.122	189.7	0.226
100	8.624	33.771	26.215	181.0	0.244
126	8.184	33.863	26.354	168.2	0.290
150	7.962	33.943	26.450	159.5	0.329
176	7.743	33.982	26.512	153.9	0.370
200	7.660	34.026	26.559	149.8	0.406
226	7.200	34.019	26.619	144.4	0.444
250	7.095	34.051	26.658	140.9	0.478
276	6.991	34.082	26.697	137.6	0.515
300	6.773	34.092	26.735	134.3	0.547
328	6.580	34.102	26.768	131.3	0.582
350	6.262	34.094	26.804	128.1	0.613
376	6.161	34.123	26.839	125.0	0.646
400	6.011	34.140	26.872	122.1	0.676
426	5.910	34.165	26.904	119.3	0.707
450	5.768	34.175	26.930	117.0	0.735
476	5.575	34.191	26.966	113.7	0.765
500	5.437	34.211	26.999	110.8	0.792



PRESS	TRANS	FLUOR
0	0.58	0.807
6	0.58	0.578
10	0.51	0.593
16	0.53	0.807
20	0.66	1.214
26	0.64	1.413
30	0.47	0.548
36	0.40	0.273
40	0.38	0.472
46	0.38	0.291
50	0.37	0.129
60	0.37	0.098
70	0.39	0.198
80	0.38	0.202
90	0.38	0.132
100	0.37	0.171
126	0.37	0.092
150	0.38	0.073
176	0.35	0.069
200	0.35	0.071
226	0.34	0.066
250	0.34	0.065
276	0.34	0.080
300	0.34	0.069
326	0.34	0.067
350	0.34	0.172
376	0.34	0.065
400	0.35	0.066
426	0.34	0.069
450	0.34	0.069
476	0.34	0.065
500	0.34	0.069

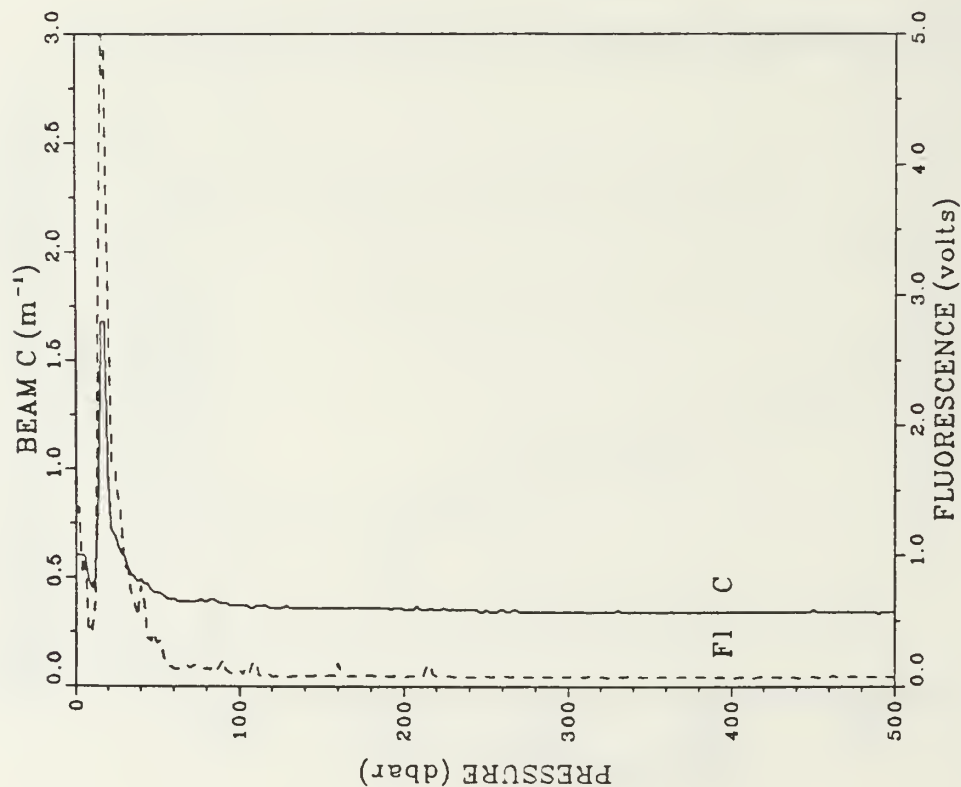
STATION: 160 LAT: 37 23.5 N LON: 125 52.9 W
 DATE: 7/12/88 TIME: 1148Z



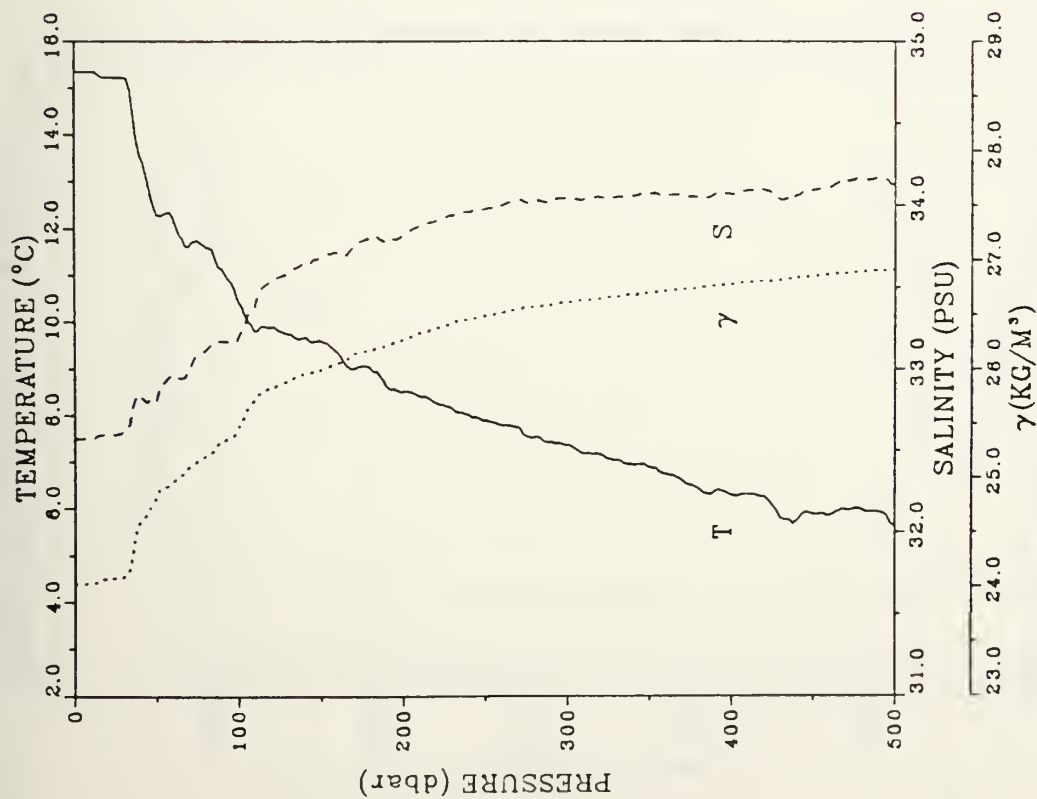
STATION: 161 LAT: 37 33.9 N LONG: 126 0.6 W
DATE: 7/12/88 TIME: 1330Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	12.979	33.055	24.891	305.1	0.000
6	13.071	33.130	24.931	301.5	0.018
10	12.833	33.153	24.998	295.4	0.030
18	11.490	33.188	25.280	270.4	0.047
20	11.028	33.189	25.345	262.3	0.050
26	10.713	33.227	25.446	252.9	0.073
30	10.473	33.260	25.513	246.5	0.083
38	10.160	33.355	25.641	234.5	0.098
40	10.090	33.360	25.657	233.1	0.107
48	9.844	33.407	25.735	225.8	0.121
50	9.895	33.452	25.781	223.3	0.130
60	9.211	33.430	25.858	214.5	0.152
70	9.064	33.551	25.974	203.4	0.173
80	8.954	33.620	26.045	196.8	0.193
90	8.917	33.704	26.117	190.2	0.212
100	8.840	33.777	26.186	183.8	0.231
126	8.283	33.835	26.317	171.7	0.277
150	8.164	33.949	26.424	161.9	0.317
178	7.839	34.000	26.512	153.9	0.358
200	7.642	34.030	26.565	149.3	0.394
228	7.482	34.035	26.592	147.1	0.433
250	7.297	34.051	26.630	143.7	0.468
278	6.978	34.044	26.669	140.2	0.505
300	6.745	34.054	26.708	136.7	0.538
328	6.620	34.099	26.781	132.1	0.573
350	6.253	34.078	26.792	129.2	0.604
376	5.882	34.069	26.832	125.4	0.637
400	5.704	34.078	26.861	122.8	0.667
428	5.441	34.090	26.902	119.0	0.698
450	5.407	34.115	26.928	117.0	0.727
476	5.621	34.194	26.963	114.1	0.757
500	5.480	34.200	26.987	111.9	0.784

PRESS	TRANS	FLUOR
0	0.60	1.371
6	0.59	0.994
10	0.45	0.408
16	1.68	5.000
20	0.96	2.922
26	0.64	1.438
30	0.59	0.920
36	0.50	0.627
40	0.48	0.763
46	0.44	0.342
50	0.43	0.329
60	0.40	0.133
70	0.39	0.138
80	0.39	0.137
90	0.38	0.200
100	0.37	0.117
126	0.36	0.065
150	0.36	0.080
178	0.36	0.082
200	0.35	0.072
226	0.35	0.077
250	0.35	0.079
276	0.34	0.073
300	0.34	0.073
328	0.34	0.071
350	0.34	0.072
376	0.34	0.069
400	0.34	0.066
428	0.34	0.070
450	0.35	0.068
476	0.34	0.071
500	0.34	0.070

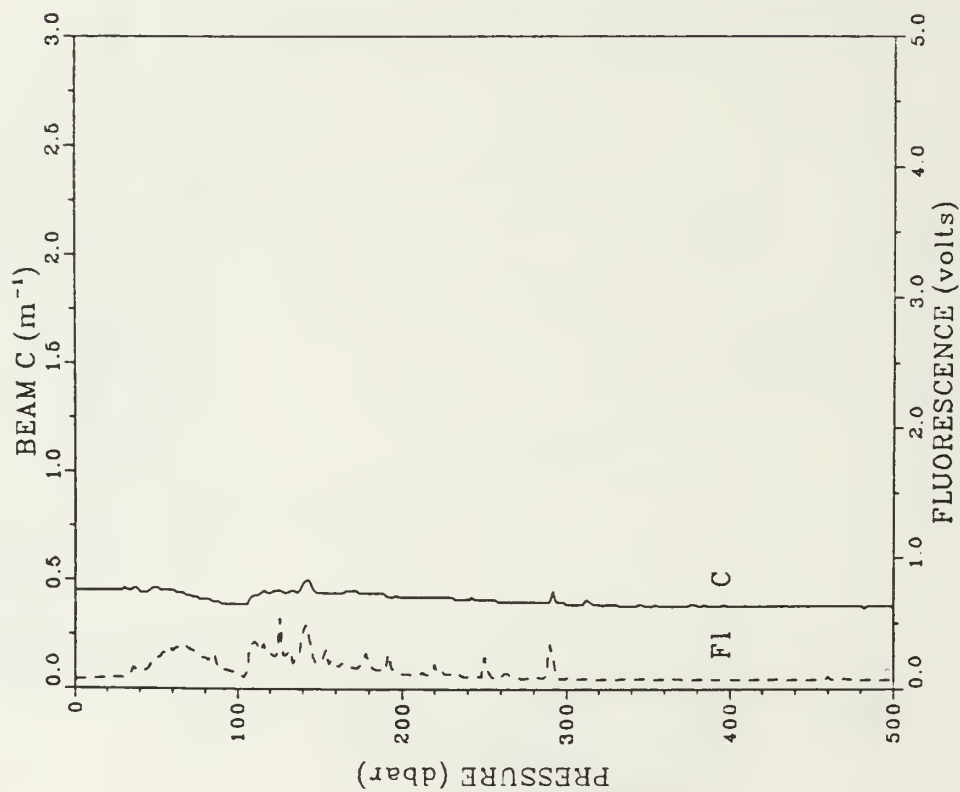


STATION: 161 LAT: 37 33.9 N LON: 126 0.6 W
 DATE: 7/12/88 TIME: 1330Z



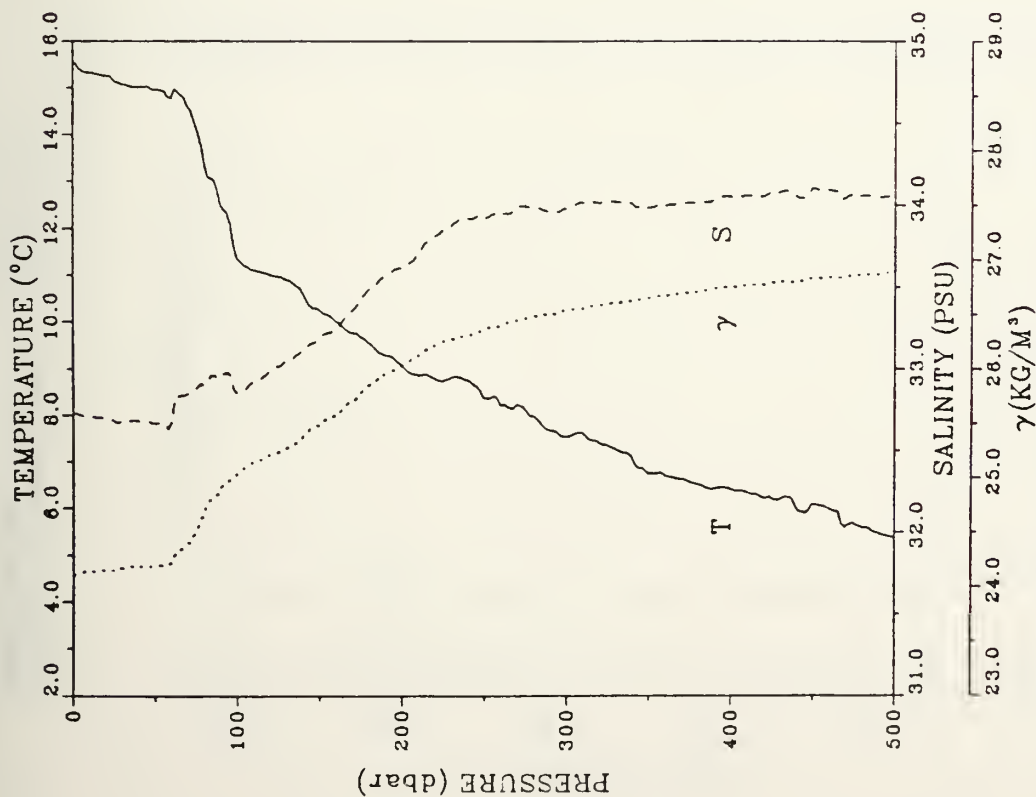
STATION: 162 LAT: 37 47.2 N LON: 126 9.7 W
DATE: 7/12/88 TIME: 1518Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.347	32.573	24.027	387.5	0.000
6	15.347	32.573	24.027	387.6	0.019
10	15.340	32.574	24.029	387.5	0.035
18	15.233	32.595	24.089	383.9	0.058
20	15.218	32.598	24.073	383.8	0.073
26	15.218	32.602	24.077	383.3	0.096
30	15.202	32.612	24.089	382.4	0.112
38	14.412	32.774	24.382	354.5	0.134
40	13.572	32.824	24.594	334.4	0.148
48	12.835	32.807	24.727	321.8	0.187
50	12.289	32.800	24.827	312.4	0.180
80	12.261	32.964	24.980	300.0	0.211
70	11.812	32.893	25.103	286.5	0.240
80	11.805	33.117	25.201	277.4	0.268
90	11.131	33.170	25.328	265.5	0.295
100	10.471	33.189	25.459	253.2	0.321
128	9.805	33.568	25.887	214.8	0.382
150	9.594	33.684	25.992	203.3	0.432
178	9.083	33.786	28.158	187.9	0.483
200	8.510	33.818	28.269	177.8	0.527
226	8.209	33.929	28.402	165.3	0.571
250	7.905	33.981	28.488	157.5	0.810
278	7.545	34.012	28.584	150.4	0.850
300	7.380	34.044	28.813	148.1	0.886
328	7.084	34.049	28.881	141.8	0.723
350	6.897	34.070	28.701	138.3	0.757
378	6.504	34.053	28.740	134.8	0.792
400	6.302	34.068	28.778	131.2	0.824
428	6.007	34.088	28.808	128.5	0.858
450	5.888	34.090	28.848	124.8	0.888
476	6.007	34.158	28.887	121.6	0.920
500	5.622	34.128	28.909	119.4	0.949



PRESS	TRANS	FLUOR
1	0.45	0.065
8	0.45	0.072
10	0.45	0.073
16	0.45	0.079
20	0.45	0.083
26	0.45	0.084
30	0.46	0.087
36	0.46	0.162
40	0.44	0.133
46	0.45	0.164
50	0.46	0.237
60	0.45	0.287
70	0.43	0.303
80	0.41	0.232
90	0.39	0.153
100	0.39	0.109
126	0.45	0.536
150	0.44	0.210
176	0.44	0.217
200	0.42	0.116
226	0.42	0.111
250	0.41	0.245
276	0.40	0.080
300	0.39	0.083
326	0.39	0.073
350	0.38	0.075
376	0.39	0.071
400	0.38	0.073
426	0.38	0.069
450	0.38	0.073
476	0.38	0.070
500	0.37	0.063

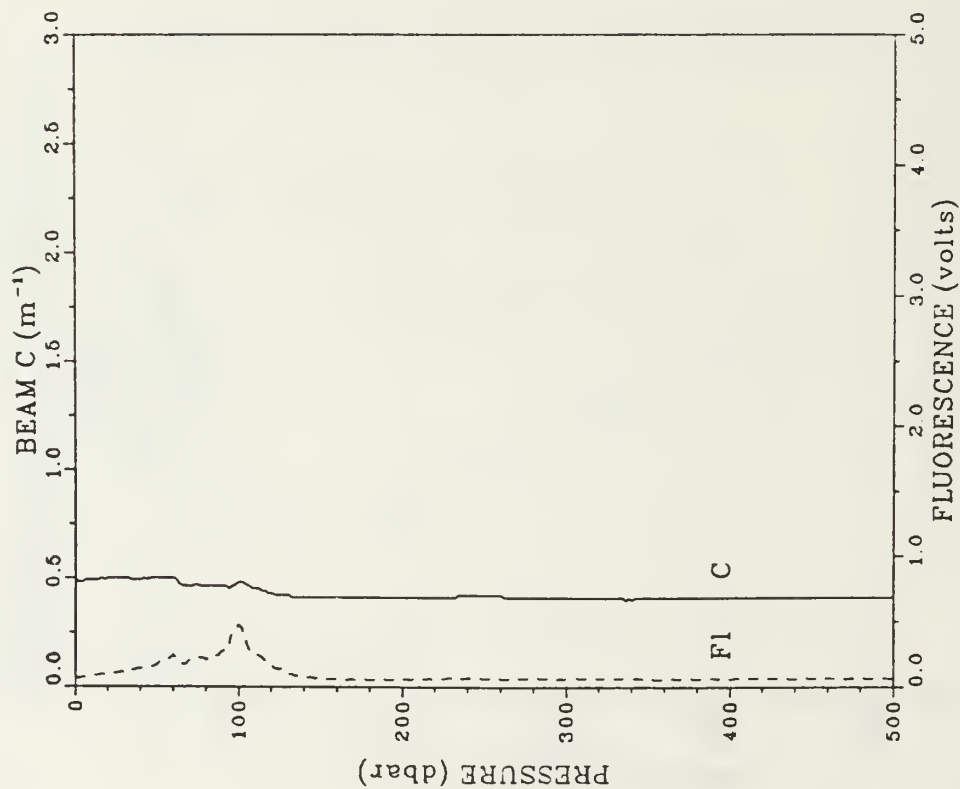
STATION: 162 LAT: 37 47.2 N LON: 126 9.7 W
 DATE: 7/12/88 TIME: 1518Z



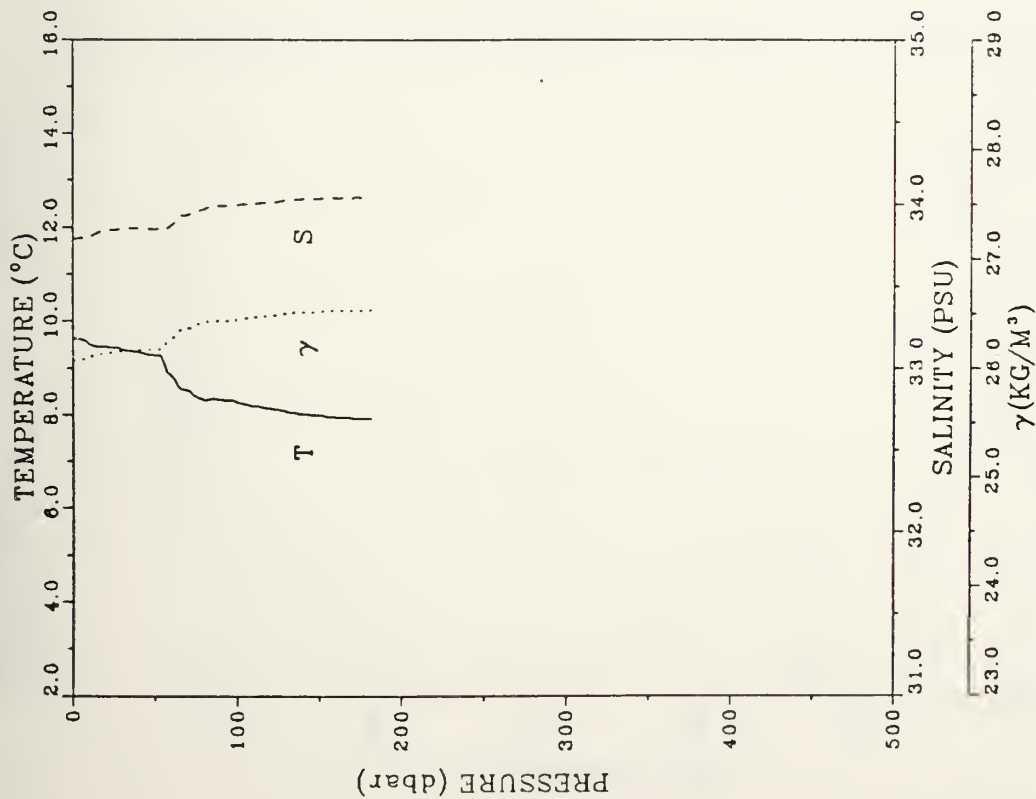
STATION: 163 LAT: 37 59.1 N LON: 126 17.4 W
 DATE: 7/12/88 TIME: 1730Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.529	32.723	24.103	360.3	0.000
8	15.348	32.710	24.132	377.6	0.019
10	15.320	32.706	24.135	377.4	0.034
16	15.279	32.696	24.138	377.3	0.057
20	15.257	32.696	24.141	377.1	0.072
26	15.123	32.671	24.151	376.3	0.094
30	15.073	32.676	24.167	374.9	0.109
36	15.021	32.677	24.178	374.0	0.132
40	15.021	32.679	24.179	374.0	0.147
46	15.014	32.676	24.179	374.2	0.169
50	14.960	32.666	24.163	373.9	0.184
60	14.769	32.663	24.221	370.5	0.221
70	14.802	32.845	24.397	354.0	0.256
80	13.379	32.895	24.668	326.4	0.292
90	12.499	32.959	24.910	305.4	0.323
100	11.380	32.650	25.034	293.6	0.353
126	10.961	33.019	25.241	274.5	0.427
150	10.262	33.175	25.483	251.7	0.490
176	9.669	33.444	25.792	222.7	0.552
200	9.064	33.620	26.028	200.7	0.603
226	8.772	33.856	26.259	179.2	0.652
250	8.377	33.923	26.372	166.7	0.694
276	8.094	33.967	26.465	160.2	0.737
300	7.556	33.981	26.538	153.3	0.774
326	7.340	34.023	26.602	147.5	0.813
350	6.768	33.983	26.649	143.0	0.846
376	6.550	34.015	26.704	136.1	0.885
400	6.411	34.050	26.750	134.0	0.917
426	6.202	34.065	26.788	130.4	0.952
450	6.097	34.101	26.830	126.7	0.983
476	5.657	34.080	26.853	124.5	1.015
500	5.374	34.054	26.862	121.7	1.045

PRESS	TRANS	FLUOR
1	0.49	0.062
6	0.49	0.073
10	0.49	0.083
16	0.50	0.069
20	0.50	0.097
28	0.50	0.108
30	0.50	0.108
38	0.49	0.128
40	0.49	0.140
46	0.50	0.149
50	0.50	0.168
60	0.50	0.242
70	0.48	0.197
80	0.48	0.208
90	0.48	0.270
100	0.48	0.467
126	0.42	0.139
150	0.41	0.061
178	0.41	0.056
200	0.41	0.056
226	0.41	0.063
250	0.42	0.066
278	0.41	0.065
300	0.41	0.064
328	0.41	0.066
350	0.41	0.061
378	0.41	0.062
400	0.41	0.059
428	0.41	0.065
450	0.41	0.065
478	0.41	0.064
500	0.41	0.064

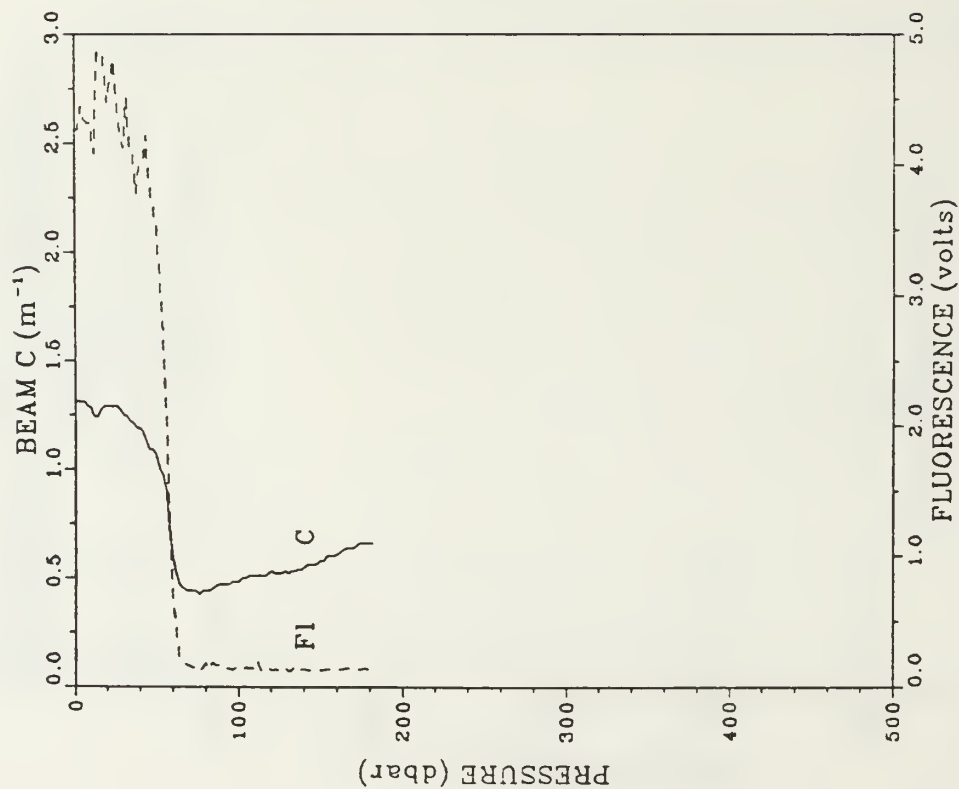


STATION: 163 LAT: 37 59.1 N LON: 126 17.4 W
 DATE: 7/12/88 TIME: 1730Z



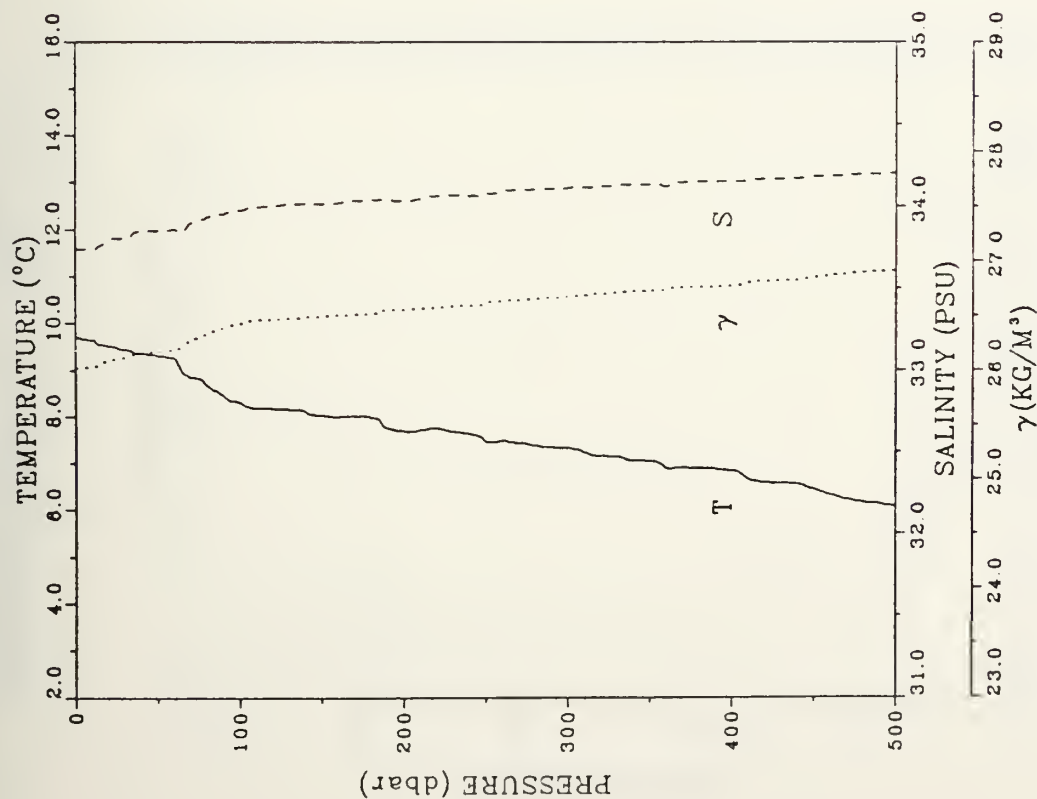
STATION: 201 LAT: 38 11.3 N LON: 123 22.5 W
DATE: 7/13/88 TIME: 0823Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	9.635	33.789	26.068	193.3	0.000
6	9.599	33.790	26.074	192.7	0.012
10	9.505	33.801	26.098	190.5	0.019
16	9.454	33.828	26.128	187.8	0.031
20	9.451	33.834	26.133	187.4	0.038
26	9.436	33.846	26.145	186.4	0.049
30	9.391	33.847	26.153	185.7	0.057
36	9.353	33.849	26.161	185.1	0.068
40	9.335	33.849	26.164	184.9	0.075
46	9.292	33.848	26.170	184.4	0.086
50	9.270	33.847	26.173	184.2	0.094
60	8.831	33.869	26.259	176.1	0.112
70	8.519	33.934	26.359	168.8	0.129
80	8.315	33.969	26.417	161.4	0.145
90	8.328	33.988	26.431	160.4	0.161
100	8.260	33.994	26.445	159.1	0.177
126	8.099	34.016	26.487	155.6	0.218
150	7.990	34.034	26.517	153.1	0.255
176	7.933	34.039	26.529	152.3	0.295
182	7.932	34.041	26.531	152.3	0.304



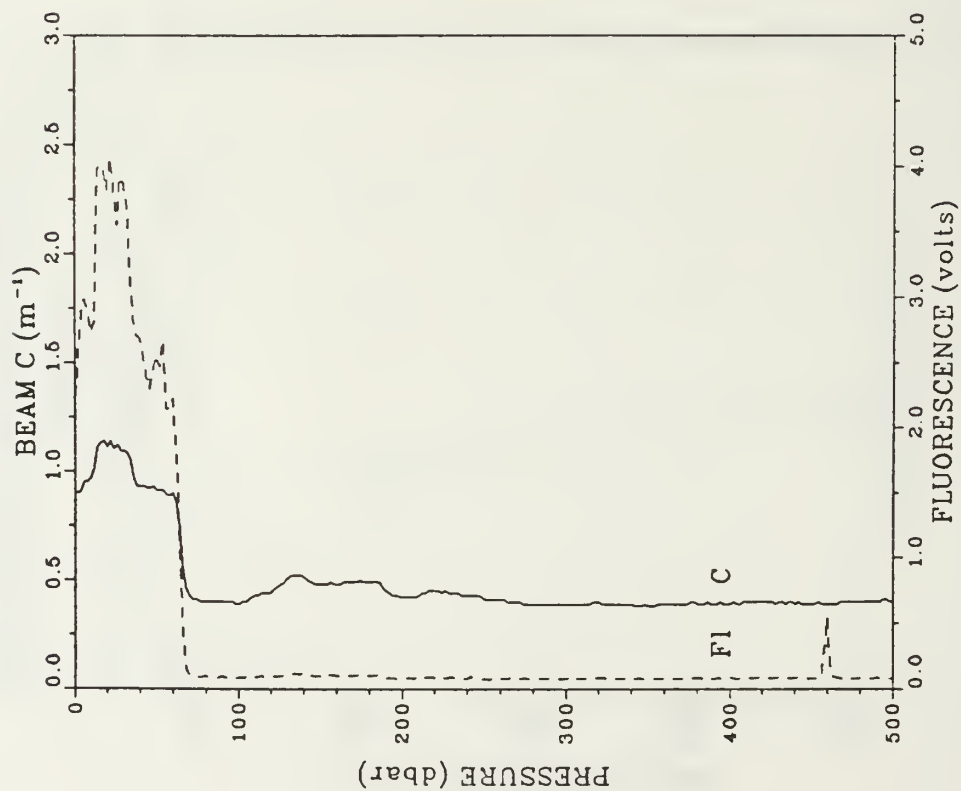
PRESS	TRANS	FLUOR
0	1.31	4.271
6	1.31	4.341
10	1.28	4.322
16	1.27	4.859
20	1.29	4.471
26	1.29	4.476
30	1.25	4.127
36	1.21	4.099
40	1.19	4.016
46	1.09	3.863
50	1.07	3.558
60	0.59	0.684
70	0.44	0.159
80	0.44	0.180
90	0.47	0.139
100	0.48	0.130
126	0.52	0.128
150	0.58	0.128
176	0.66	0.136
182	0.66	0.139

STATION: 201 LAT: 38 11.3 N LON: 123 22.5 W
 DATE: 7/13/88 TIME: 0823Z



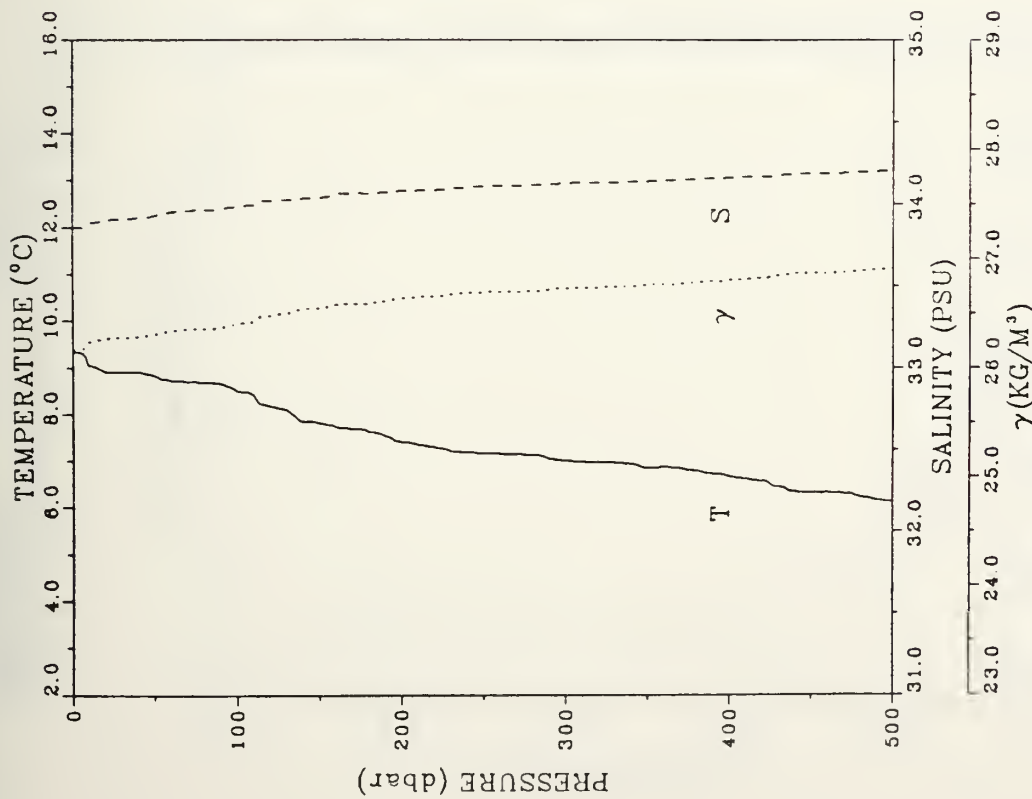
STATION: 202 LAT: 38 10.1 N LON: 123 31.9 W
DATE: 7/13/88 TIME: 0941Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	9.701	33.738	26.017	198.1	0.000
6	9.658	33.737	26.023	197.6	0.010
10	9.643	33.738	26.026	197.4	0.016
16	9.536	33.765	26.065	193.8	0.030
20	9.509	33.788	26.088	191.8	0.037
26	9.462	33.803	26.107	190.0	0.049
30	9.442	33.805	26.112	189.6	0.056
36	9.380	33.841	26.153	185.8	0.068
40	9.347	33.846	26.159	185.3	0.075
46	9.326	33.849	26.165	184.9	0.086
50	9.309	33.845	26.165	185.0	0.093
60	9.252	33.858	26.184	183.3	0.112
70	8.837	33.893	26.277	174.6	0.130
80	8.659	33.934	26.337	169.1	0.147
90	8.459	33.951	26.381	165.0	0.164
100	8.304	33.974	26.423	161.2	0.180
126	8.161	34.006	26.470	157.2	0.221
150	8.028	34.012	26.494	155.3	0.259
178	8.015	34.034	26.513	153.9	0.299
200	7.895	34.033	26.559	149.8	0.336
226	7.712	34.063	26.580	148.2	0.374
250	7.463	34.085	26.618	145.0	0.409
278	7.415	34.102	26.654	141.9	0.447
300	7.342	34.112	26.672	140.5	0.481
328	7.158	34.123	26.706	137.6	0.517
350	7.058	34.133	26.728	135.8	0.550
378	6.902	34.147	26.760	133.0	0.565
400	6.651	34.146	26.788	132.6	0.616
428	6.575	34.165	26.819	127.9	0.650
450	6.438	34.177	26.848	125.5	0.681
476	6.182	34.192	26.891	121.4	0.713
500	6.062	34.201	26.911	119.7	0.742



PRESS	TRANS	FLUOR
1	0.90	2.237
8	0.95	2.979
10	0.97	2.725
16	1.13	4.007
20	1.11	3.815
28	1.12	3.543
30	1.09	3.867
38	0.97	2.810
40	0.93	2.879
48	0.92	2.297
50	0.91	2.551
80	0.90	2.221
70	0.43	0.103
80	0.40	0.094
90	0.40	0.093
100	0.39	0.083
128	0.48	0.098
150	0.48	0.097
178	0.49	0.099
200	0.42	0.077
228	0.45	0.084
250	0.41	0.074
278	0.39	0.077
300	0.39	0.074
328	0.39	0.074
350	0.38	0.076
378	0.40	0.083
400	0.39	0.083
428	0.40	0.082
450	0.39	0.078
478	0.40	0.078
500	0.40	0.078

STATION: 202 LAT: 38 10.1 N LON: 123 31.9 W
DATE: 7/13/88 TIME: 0941Z

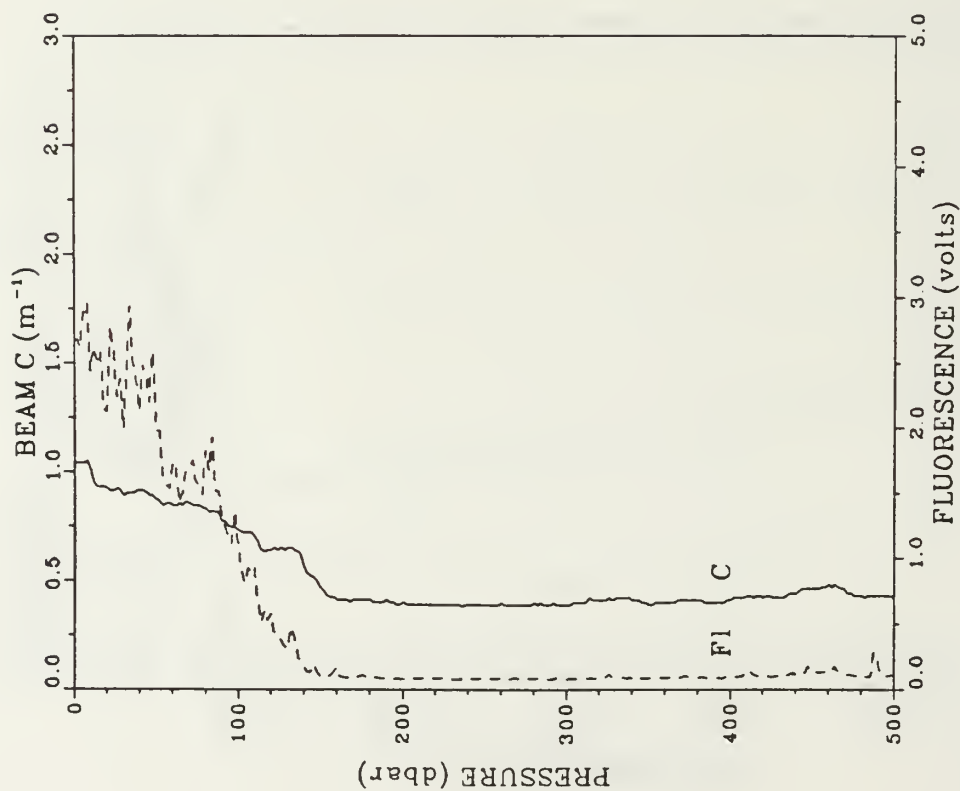


STATION: 203 LAT: 38 21.6 N LON: 123 36.9 W
DATE: 7/13/88 TIME: 1136Z

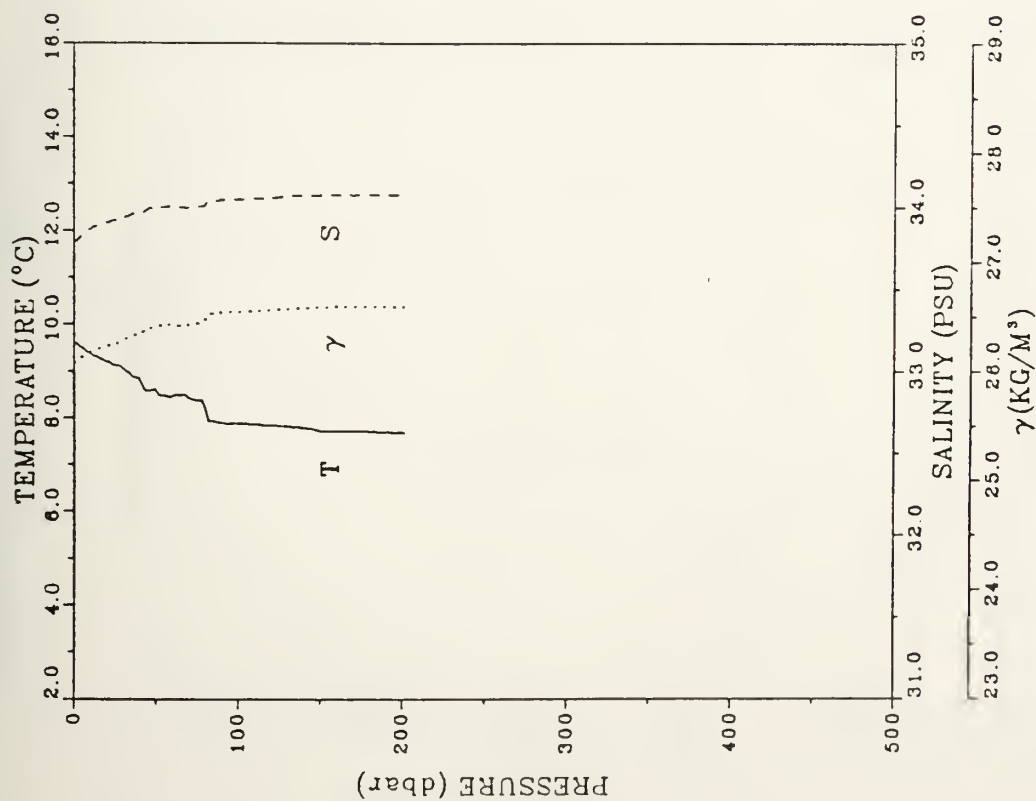
PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	9.335	33.855	26.168	183.7	0.000
6	9.317	33.855	26.171	183.5	0.011
10	9.050	33.882	26.235	177.5	0.018
16	8.984	33.891	26.253	176.0	0.029
20	8.910	33.896	26.268	174.6	0.036
26	8.903	33.904	26.276	174.0	0.046
30	8.900	33.907	26.278	173.8	0.053
36	8.906	33.911	26.281	173.7	0.064
40	8.904	33.914	26.283	173.5	0.071
48	8.858	33.921	26.298	172.4	0.081
50	8.824	33.927	26.306	171.5	0.088
60	8.718	33.951	26.341	168.3	0.105
70	8.701	33.959	26.350	167.7	0.122
80	8.682	33.963	26.356	167.3	0.138
90	8.645	33.970	26.368	166.4	0.155
100	8.497	33.988	26.405	163.0	0.172
126	8.123	34.021	26.487	155.6	0.213
150	7.814	34.039	26.547	150.2	0.250
176	7.664	34.063	26.587	146.7	0.288
200	7.408	34.081	26.638	142.2	0.323
226	7.266	34.086	26.662	140.3	0.360
250	7.173	34.108	26.692	137.7	0.393
276	7.141	34.114	26.702	137.3	0.429
300	7.023	34.125	26.727	135.2	0.462
328	6.982	34.131	26.737	134.6	0.497
350	6.862	34.137	26.758	132.8	0.529
376	6.817	34.150	26.774	131.6	0.563
400	6.672	34.159	26.801	129.3	0.594
426	6.493	34.169	26.633	126.6	0.628
450	6.333	34.184	26.665	123.6	0.658
476	6.275	34.187	26.875	123.0	0.690
500	6.121	34.200	26.905	120.3	0.719

PRESS	TRANS	FLUOR
0	1.04	2.873
8	1.04	2.904
10	1.01	2.435
18	0.93	2.589
20	0.92	2.126
28	0.92	2.235
30	0.89	1.997
38	0.90	2.495
40	0.91	2.128
48	0.89	2.198
50	0.87	1.981
80	0.84	1.727
70	0.85	1.887
80	0.83	1.826
90	0.77	1.324
100	0.73	1.131
128	0.85	0.383
150	0.47	0.099
178	0.41	0.110
200	0.40	0.079
228	0.39	0.082
250	0.39	0.081
278	0.39	0.080
300	0.39	0.079
328	0.42	0.113
350	0.39	0.081
378	0.41	0.095
400	0.41	0.093
428	0.42	0.097
450	0.48	0.130
478	0.43	0.102
500	0.42	0.109

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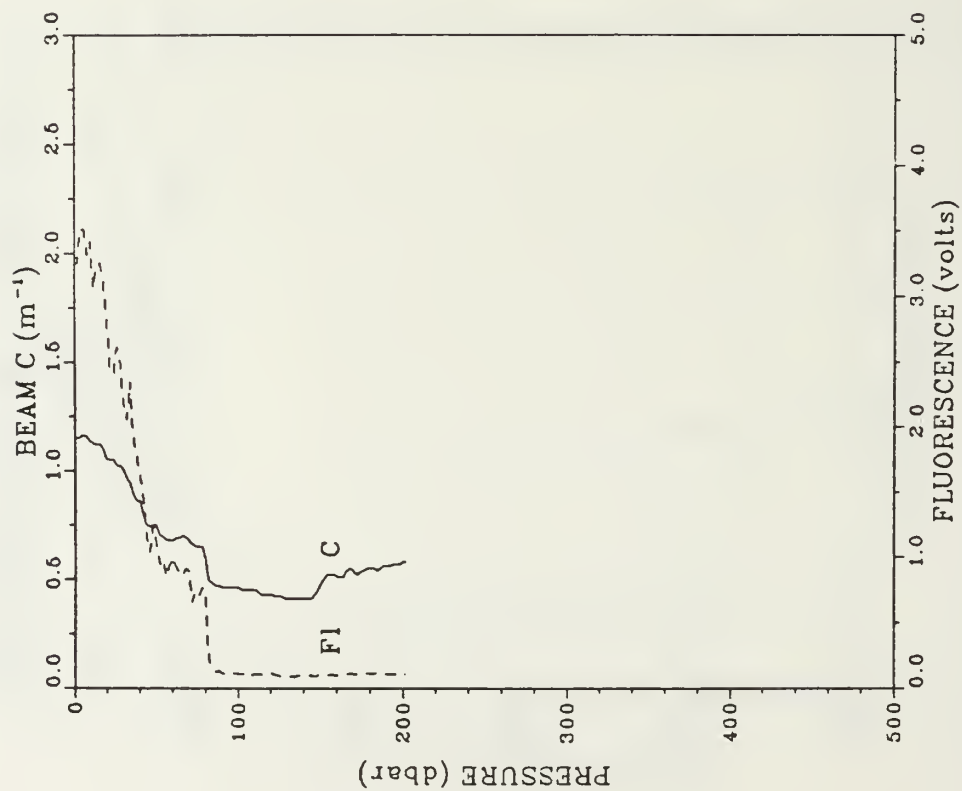


STATION: 203 LAT: 38 21.6 N LON: 123 36.9 W
DATE: 7/13/88 TIME: 1136Z



PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	9.598	33.794	26.078	192.3	0.000
6	9.468	33.836	26.132	187.3	0.011
10	9.364	33.868	26.172	183.5	0.019
16	9.270	33.892	26.208	180.3	0.030
20	9.204	33.905	26.229	178.4	0.037
26	9.113	33.922	26.256	175.8	0.048
30	9.052	33.934	26.276	174.1	0.055
38	8.875	33.957	26.322	169.8	0.065
40	8.651	33.962	26.329	169.2	0.072
46	8.582	33.981	26.394	163.1	0.082
50	8.608	33.992	26.391	163.5	0.088
60	8.459	34.003	26.422	160.7	0.104
70	8.423	33.996	26.422	160.8	0.120
80	8.197	34.013	26.470	156.5	0.136
90	7.887	34.045	26.541	149.8	0.152
100	7.879	34.046	26.543	149.8	0.167
126	7.833	34.064	26.564	148.2	0.205
150	7.723	34.074	26.588	146.3	0.241
178	7.717	34.075	26.589	146.6	0.279
200	7.689	34.078	26.598	146.4	0.314
201	7.684	34.078	26.596	146.3	0.315

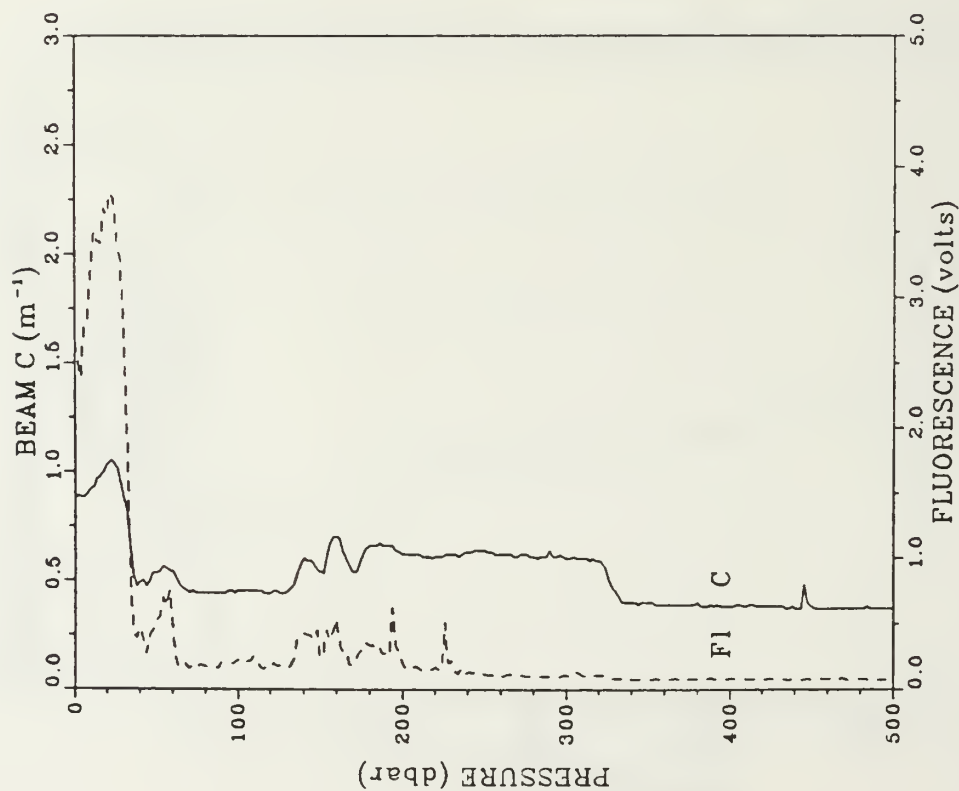
STATION: 204 LAT: 38 34.1 N LON: 123 39.1 W
DATE: 7/13/88 TIME: 1318Z



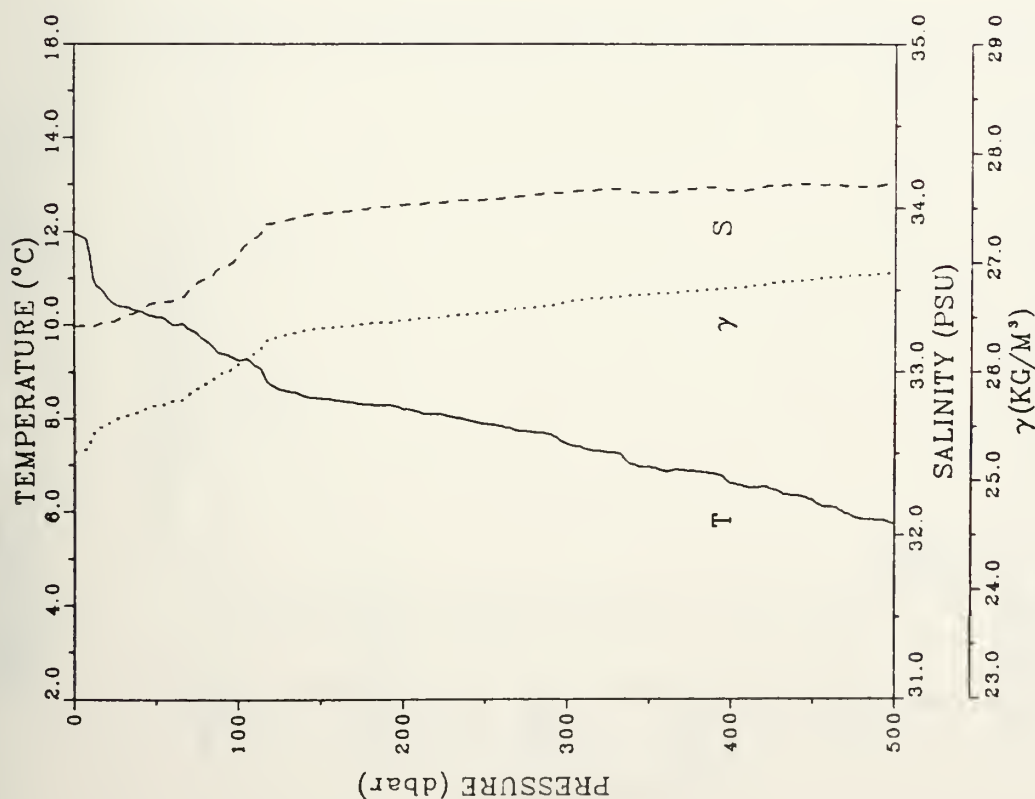
PRESS	TRANS	FLUOR
0	1.15	3.257
6	1.16	3.509
10	1.13	3.425
16	1.12	3.259
20	1.05	2.829
26	1.02	2.612
30	1.00	2.185
36	0.89	1.916
40	0.86	1.619
46	0.74	1.041
50	0.75	1.125
60	0.68	0.997
70	0.68	0.888
80	0.59	0.734
90	0.46	0.112
100	0.46	0.110
126	0.42	0.092
150	0.47	0.105
176	0.54	0.107
200	0.58	0.112
201	0.58	0.106

STATION: 204 LAT: 38 34.1 N LON: 123 39.1 W
 DATE: 7/13/88 TIME: 1318Z

PRESS	TRANS	FLUOR
1	0.88	2.654
6	0.88	2.781
10	0.92	3.214
16	0.98	3.408
20	1.03	3.624
28	1.01	3.421
30	0.87	2.800
36	0.52	0.422
40	0.49	0.463
48	0.49	0.403
50	0.53	0.520
60	0.54	0.481
70	0.44	0.154
80	0.44	0.168
90	0.44	0.199
100	0.45	0.227
128	0.44	0.181
150	0.54	0.239
178	0.61	0.305
200	0.62	0.217
228	0.62	0.509
250	0.64	0.116
276	0.62	0.102
300	0.60	0.107
328	0.51	0.095
350	0.40	0.080
378	0.39	0.077
400	0.38	0.085
428	0.38	0.077
450	0.38	0.073
478	0.37	0.074
500	0.37	0.074



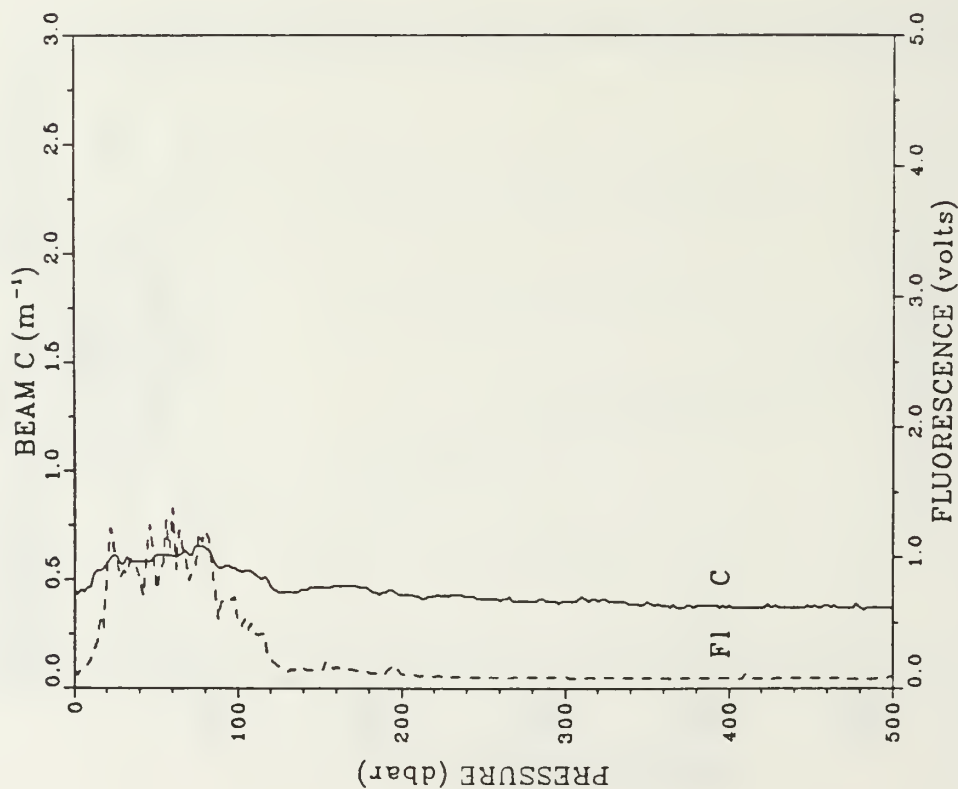
STATION: 205 LAT: 38 33.1 N LON: 123 45.4 W
 DATE: 7/13/88 TIME: 1418Z



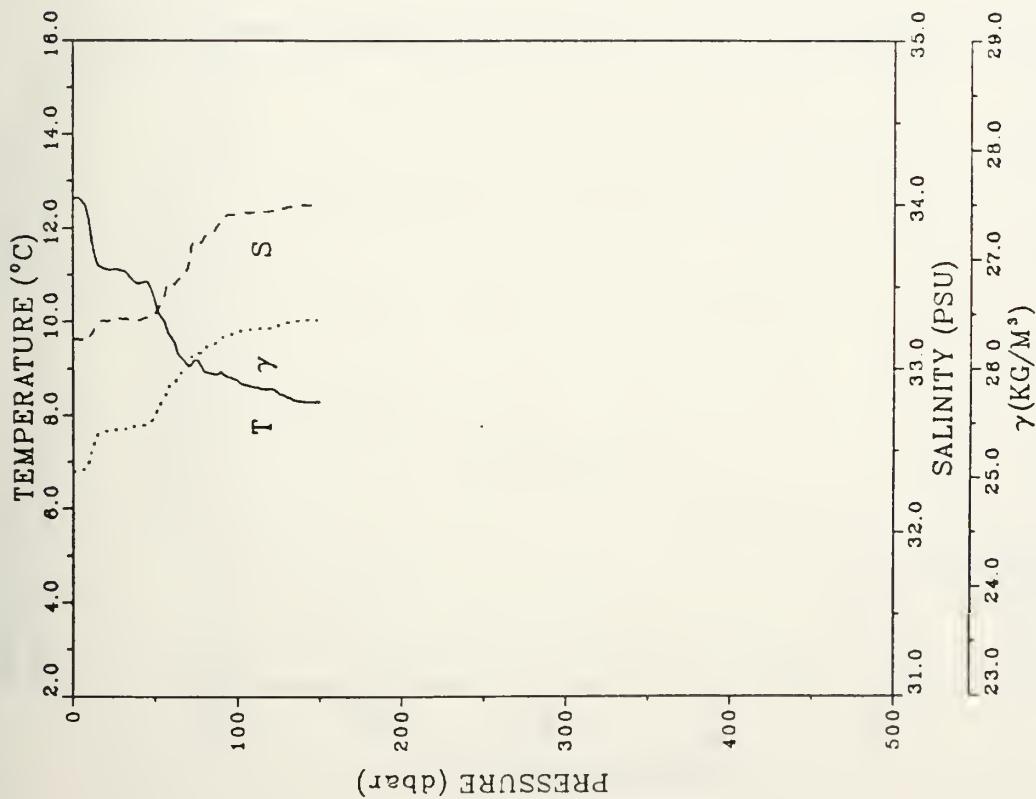
STATION: 206 LAT: 38 44.2 N LON: 123 52.8 W
DATE: 7/13/88 TIME: 1618Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	11.940	33.278	25.264	269.7	0.000
6	11.857	33.280	25.281	268.2	0.013
10	11.498	33.288	25.354	261.3	0.024
16	10.769	33.295	25.486	248.9	0.039
20	10.627	33.296	25.515	246.2	0.049
26	10.418	33.319	25.569	241.2	0.064
30	10.393	33.337	25.587	239.5	0.073
36	10.339	33.356	25.611	237.3	0.088
40	10.299	33.373	25.631	235.5	0.097
46	10.210	33.414	25.679	231.1	0.111
50	10.176	33.423	25.691	230.0	0.120
60	10.003	33.435	25.730	226.5	0.143
70	9.922	33.493	25.789	221.1	0.166
80	9.669	33.567	25.889	211.8	0.187
90	9.393	33.632	25.984	202.8	0.208
100	9.243	33.715	26.074	194.6	0.228
126	8.613	33.920	26.333	170.3	0.275
150	8.433	33.967	26.398	164.5	0.316
176	8.312	33.992	26.436	161.3	0.358
200	8.207	34.020	26.474	156.1	0.396
226	8.065	34.036	26.509	155.2	0.437
250	7.889	34.050	26.544	152.1	0.474
276	7.716	34.075	26.589	148.2	0.513
300	7.465	34.094	26.640	143.6	0.546
326	7.283	34.114	26.682	140.0	0.585
350	6.979	34.097	26.711	137.4	0.618
376	6.878	34.116	26.741	134.6	0.653
400	6.612	34.109	26.770	132.2	0.685
426	6.463	34.136	26.812	128.5	0.719
450	6.252	34.144	26.844	125.5	0.750
476	5.867	34.127	26.860	122.2	0.782
500	5.755	34.153	26.914	119.1	0.811

PRESS	TRANS	FLUOR
1	0.44	0.125
6	0.44	0.135
10	0.46	0.211
18	0.54	0.523
20	0.57	0.914
26	0.60	0.957
30	0.57	0.896
36	0.58	0.875
40	0.58	0.826
48	0.58	1.250
50	0.61	0.745
60	0.80	1.374
70	0.81	0.817
80	0.64	1.199
90	0.55	0.858
100	0.54	0.502
128	0.44	0.160
150	0.48	0.135
178	0.48	0.126
200	0.43	0.110
228	0.43	0.092
250	0.41	0.081
276	0.40	0.087
300	0.40	0.083
328	0.40	0.081
350	0.40	0.078
378	0.38	0.074
400	0.38	0.075
428	0.37	0.073
450	0.37	0.075
478	0.37	0.072
500	0.37	0.085

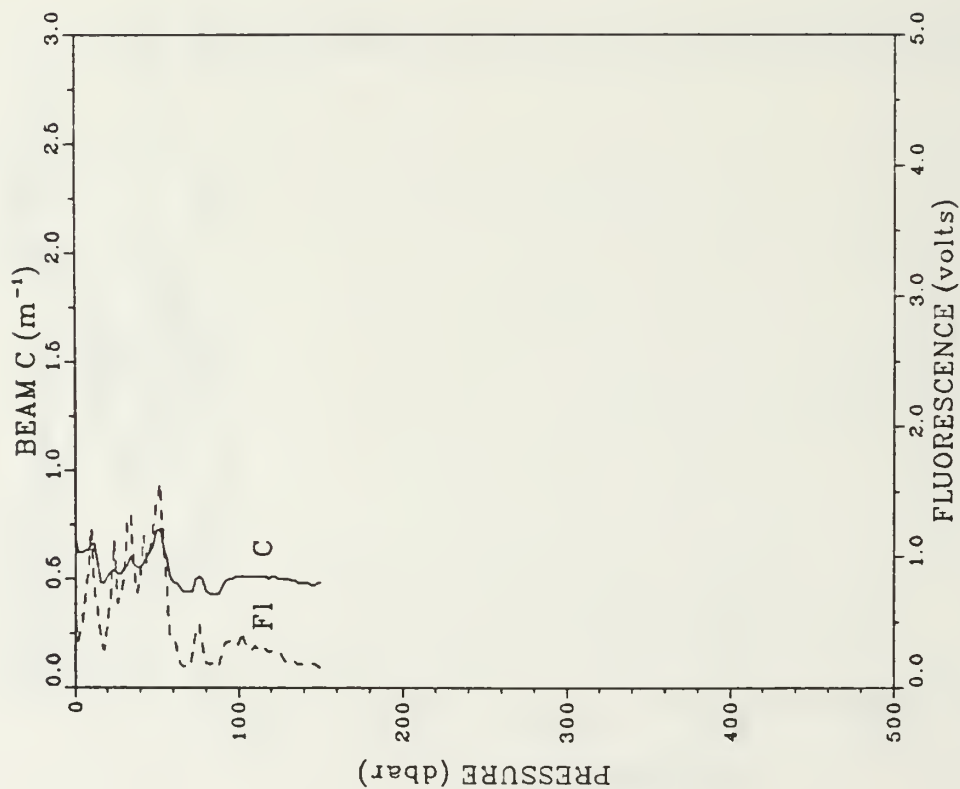


STATION: 206 LAT: 38 44.2 N LON: 123 52.8 W
 DATE: 7/13/88 TIME: 1618Z



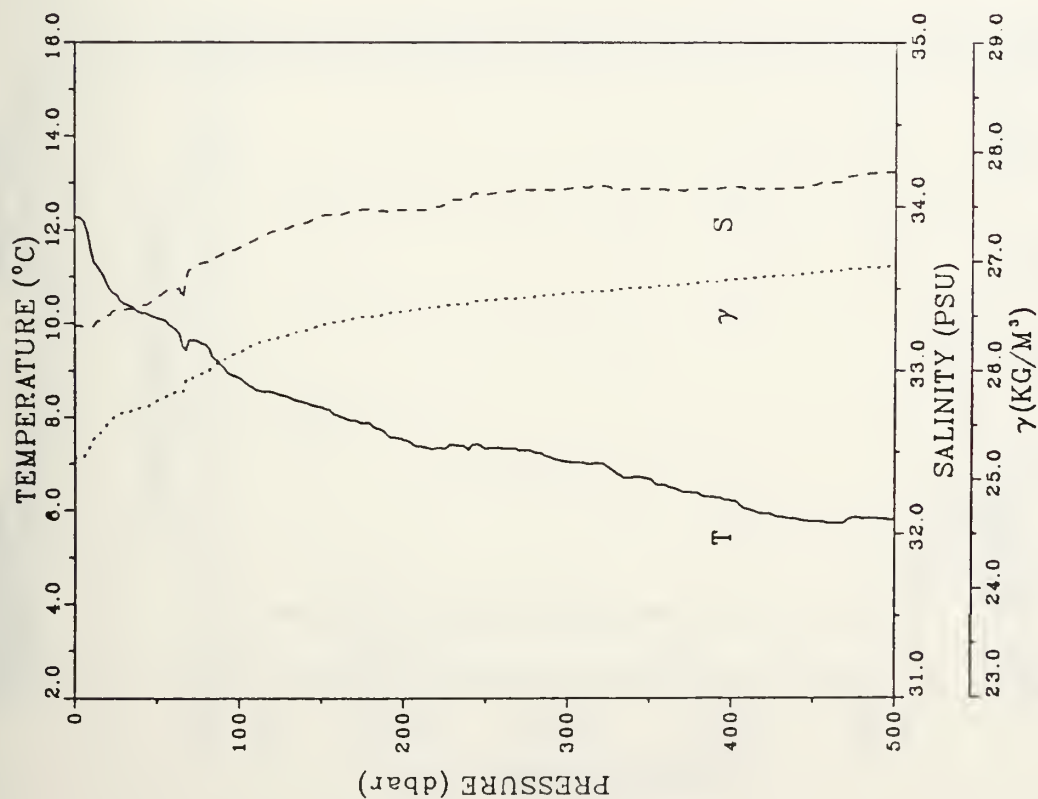
STATION: 207 LAT: 38 56.4 N LON: 123 55.0 W
DATE: 7/13/88 TIME: 1818Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	12.622	33.177	25.055	289.5	0.000
8	12.564	33.179	25.068	288.4	0.014
10	12.184	33.183	25.144	281.3	0.028
16	11.197	33.267	25.407	256.4	0.042
20	11.125	33.286	25.421	255.2	0.052
26	11.113	33.304	25.435	253.9	0.067
30	11.084	33.304	25.441	253.5	0.078
36	10.913	33.298	25.466	251.2	0.093
40	10.816	33.296	25.462	249.6	0.103
46	10.845	33.315	25.491	249.0	0.118
50	10.511	33.326	25.558	242.7	0.128
60	9.666	33.524	25.855	214.6	0.150
70	9.059	33.612	26.022	198.8	0.171
80	8.924	33.606	26.196	182.6	0.190
90	8.943	33.906	26.271	175.6	0.208
100	8.754	33.941	26.328	170.3	0.225
126	8.448	33.974	26.401	163.6	0.269
150	8.287	33.999	26.445	160.0	0.308



PRESS	TRANS	FLUOR
1	0.67	0.505
6	0.63	0.858
10	0.66	1.216
18	0.48	0.375
20	0.51	0.479
28	0.52	0.641
30	0.55	0.827
36	0.58	0.901
40	0.55	0.874
48	0.62	1.064
50	0.72	1.392
60	0.48	0.365
70	0.44	0.153
80	0.44	0.189
90	0.48	0.280
100	0.51	0.322
128	0.50	0.259
150	0.48	0.152

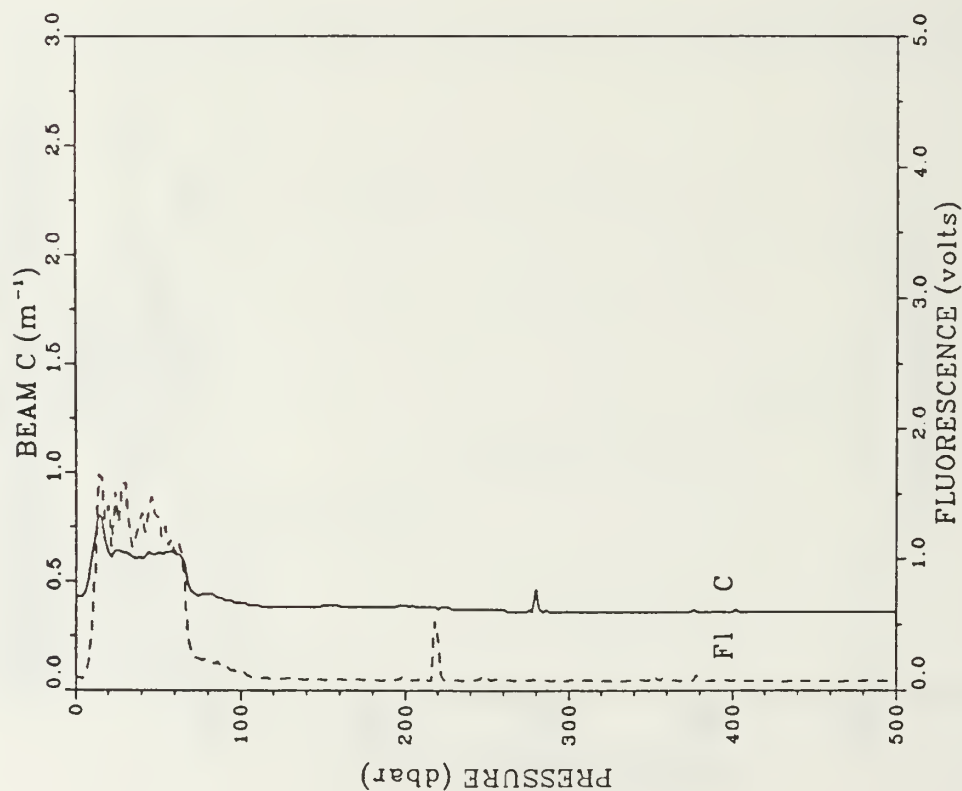
STATION: 207 LAT: 38 56.4 N LON: 123 55.0 W
 DATE: 7/13/88 TIME: 1818Z



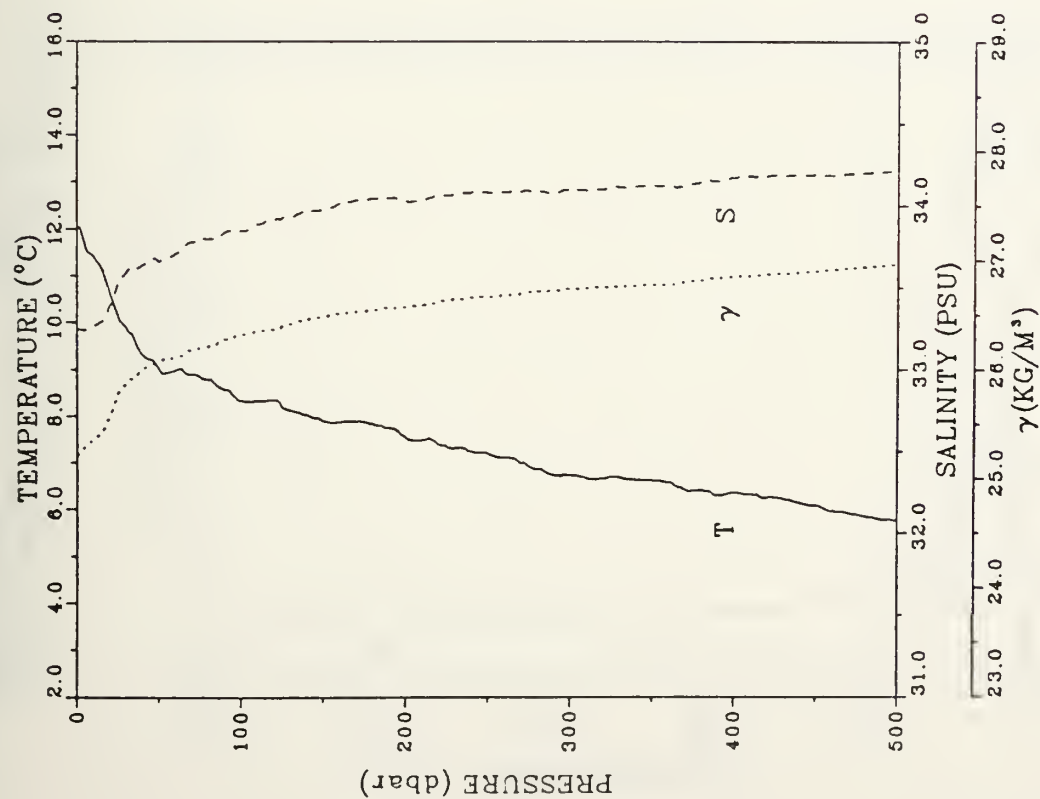
STATION: 208 LAT: 38 55.3 N LONG: 124 1.9 W
 DATE: 7/13/88 TIME: 1923Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	12.276	33.274	25.197	276.0	0.000
6	12.160	33.267	25.214	274.6	0.017
10	11.597	33.264	25.316	264.9	0.027
16	11.123	33.301	25.431	254.1	0.043
20	10.636	33.336	25.509	246.8	0.053
26	10.565	33.368	25.578	240.3	0.066
30	10.425	33.372	25.609	237.4	0.077
36	10.311	33.386	25.640	234.7	0.091
40	10.225	33.393	25.660	232.8	0.101
46	10.179	33.414	25.664	230.6	0.114
50	10.106	33.447	25.722	227.1	0.124
60	9.897	33.501	25.799	219.9	0.146
70	9.646	33.616	25.931	207.6	0.167
60	9.541	33.666	25.987	202.4	0.166
90	9.085	33.712	26.097	192.2	0.206
100	8.635	33.748	26.164	165.9	0.226
126	8.465	33.862	26.311	172.4	0.273
150	8.215	33.941	26.410	163.3	0.313
178	7.884	33.982	26.492	155.9	0.355
200	7.524	33.976	26.539	151.6	0.392
226	7.349	34.016	26.585	146.6	0.431
250	7.326	34.071	26.642	142.6	0.465
276	7.296	34.103	26.671	140.2	0.502
300	7.046	34.111	26.712	136.5	0.535
326	6.697	34.114	26.735	134.7	0.570
350	6.675	34.110	26.762	132.3	0.602
376	6.391	34.109	26.799	129.0	0.636
400	6.216	34.121	26.831	126.1	0.667
426	5.906	34.110	26.861	123.3	0.700
450	5.773	34.132	26.895	120.3	0.729
476	5.851	34.191	26.932	117.2	0.760
500	5.799	34.212	26.955	115.3	0.787

PRESS	TRANS	FLUOR
0	0.43	0.097
8	0.45	0.099
10	0.61	0.480
18	0.79	1.621
20	0.63	1.407
26	0.64	1.275
30	0.63	1.583
36	0.60	1.142
40	0.60	1.354
46	0.62	1.472
50	0.63	1.309
60	0.62	1.039
70	0.45	0.294
80	0.44	0.235
90	0.41	0.199
100	0.40	0.129
126	0.38	0.087
150	0.39	0.078
178	0.38	0.076
200	0.39	0.081
226	0.38	0.071
250	0.37	0.091
278	0.37	0.077
300	0.38	0.075
326	0.38	0.072
350	0.36	0.082
378	0.37	0.071
400	0.36	0.074
426	0.38	0.076
450	0.36	0.072
476	0.36	0.071
500	0.36	0.073

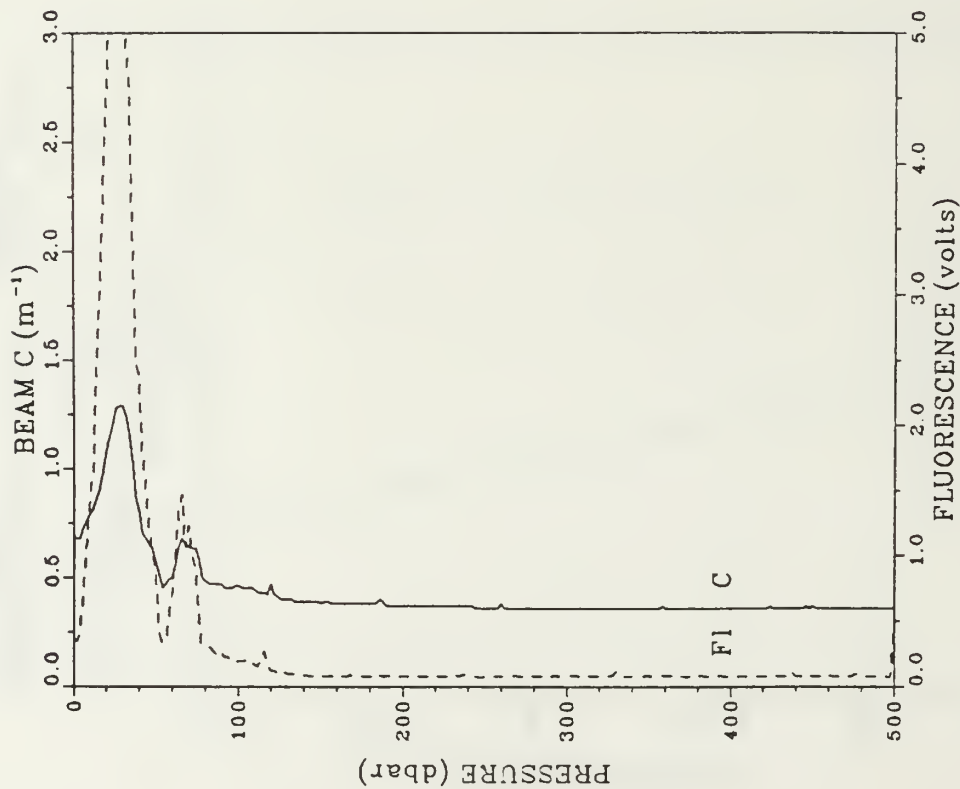


STATION: 208 LAT: 38 55.3 N LON: 124 1.9 W
 DATE: 7/13/88 TIME: 1923Z



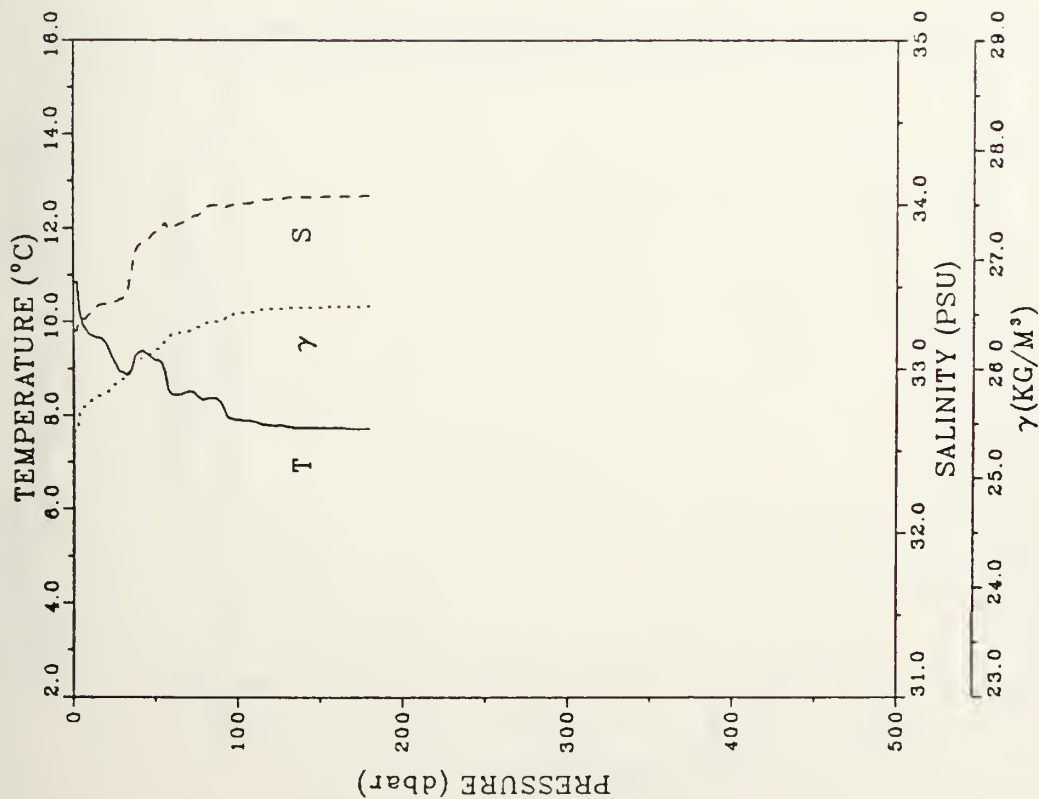
STATION: 209 LAT: 39 6.8 N LON: 124 10.3 W
 DATE: 7/13/88 TIME: 2106Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	12.032	33.244	25.220	273.8	0.000
6	11.556	33.243	25.308	265.6	0.016
10	11.421	33.257	25.343	262.3	0.027
16	11.121	33.299	25.430	254.2	0.042
20	10.704	33.380	25.567	241.3	0.052
26	10.064	33.542	25.803	218.9	0.066
30	9.908	33.587	25.865	213.1	0.075
36	9.582	33.614	25.940	206.1	0.087
40	9.314	33.636	26.000	200.4	0.095
46	9.204	33.670	26.045	196.3	0.107
50	9.045	33.662	26.064	194.5	0.115
60	8.968	33.703	26.108	190.5	0.134
70	8.895	33.776	26.177	184.2	0.153
80	8.781	33.797	26.211	181.1	0.171
90	8.568	33.836	26.275	176.2	0.189
100	8.330	33.845	26.318	171.2	0.206
126	8.169	33.927	26.406	163.2	0.250
150	7.887	33.975	26.486	156.0	0.288
176	7.873	34.036	26.536	151.7	0.328
200	7.575	34.029	26.573	148.4	0.364
226	7.332	34.060	26.632	143.1	0.402
250	7.205	34.077	26.664	140.5	0.436
276	6.912	34.084	26.709	136.4	0.472
300	6.747	34.095	26.740	133.7	0.505
326	6.716	34.113	26.759	132.3	0.539
350	6.632	34.121	26.776	130.9	0.571
376	6.415	34.135	26.816	127.4	0.604
400	6.375	34.172	26.850	124.4	0.635
426	6.264	34.187	26.877	122.2	0.667
450	6.093	34.187	26.899	120.3	0.698
476	5.882	34.198	26.934	117.1	0.727
500	5.762	34.211	26.959	114.9	0.754



PRESS	TRANS	FLUOR
0	0.66	0.347
6	0.73	0.706
10	0.79	1.405
16	0.90	2.877
20	1.07	4.418
26	1.28	5.000
30	1.29	5.000
36	1.03	3.541
40	0.80	2.368
46	0.65	1.205
50	0.58	0.838
60	0.50	0.716
70	0.64	1.227
80	0.48	0.313
90	0.47	0.258
100	0.46	0.194
126	0.40	0.097
150	0.36	0.083
176	0.36	0.079
200	0.37	0.076
228	0.37	0.076
250	0.36	0.076
276	0.36	0.075
300	0.36	0.062
326	0.36	0.080
350	0.36	0.079
376	0.36	0.076
400	0.36	0.076
426	0.36	0.076
450	0.37	0.075
476	0.36	0.096
500	0.36	0.402

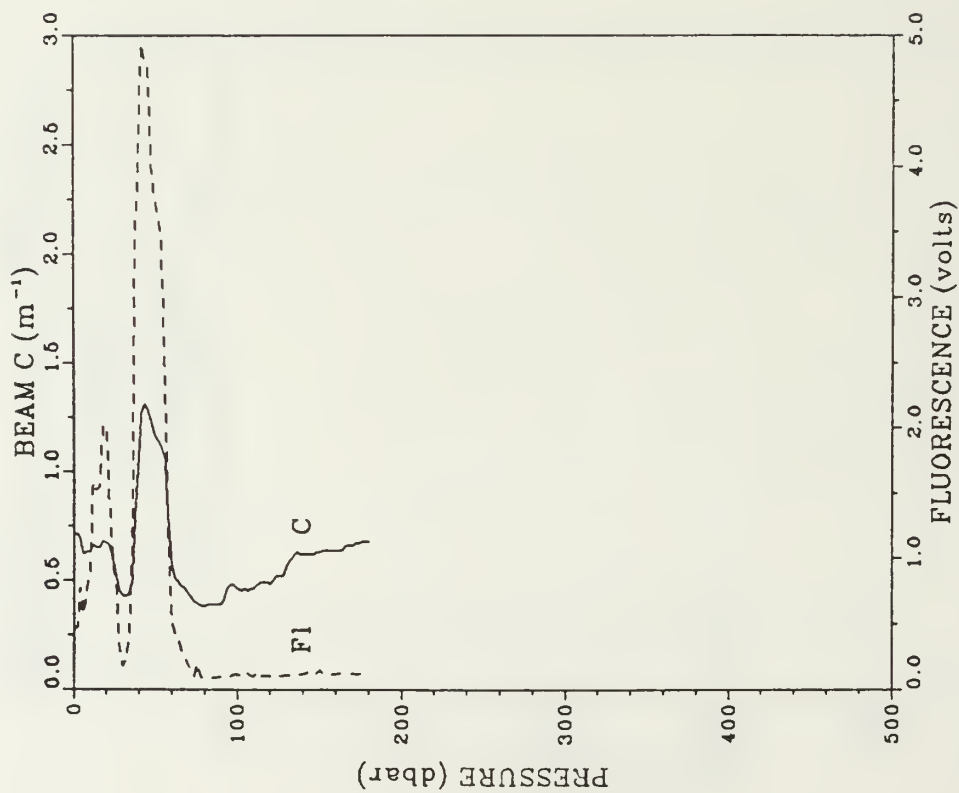
STATION: 209 LAT: 39 6.8 N LON: 124 10.3 W
 DATE: 7/13/88 TIME: 2106Z



STATION: 210 LAT: 39 20.5 N LON: 123 56.5 W
DATE: 7/13/88 TIME: 2330Z

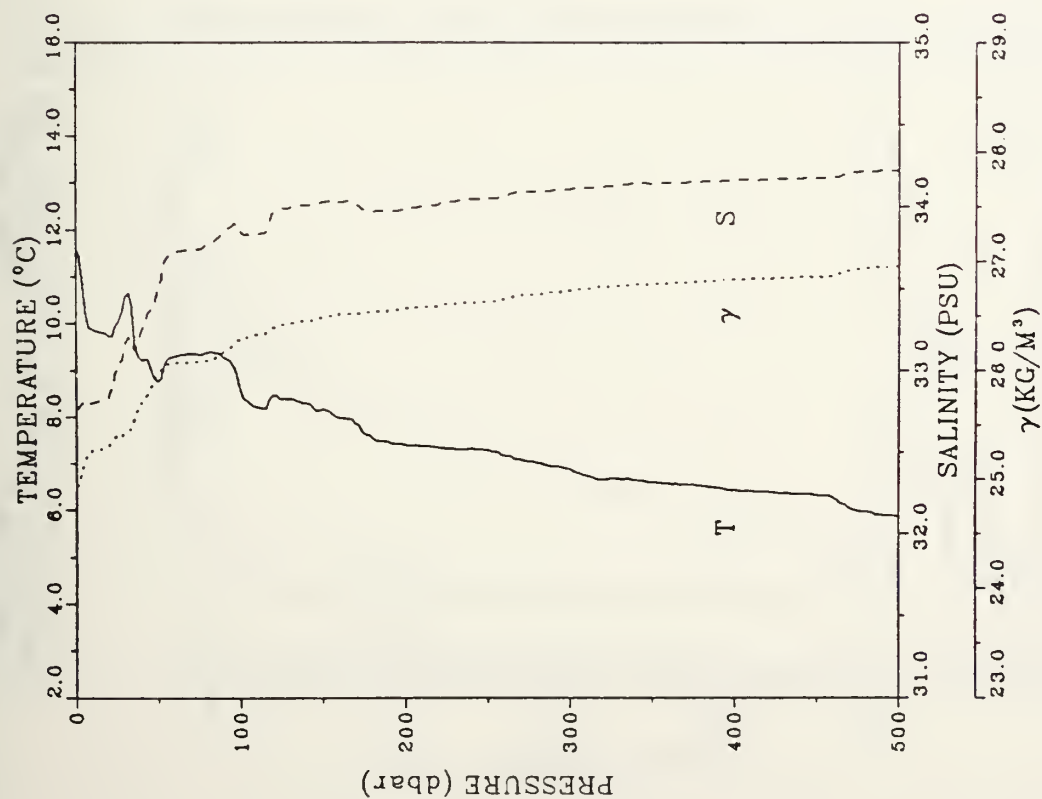
PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	10.837	33.228	25.425	254.3	0.000
8	9.939	33.300	25.635	234.5	0.015
10	9.730	33.333	25.698	228.8	0.024
16	9.664	33.388	25.750	223.8	0.038
20	9.556	33.397	25.774	221.5	0.046
28	9.102	33.411	25.858	213.6	0.059
30	8.929	33.430	25.900	209.7	0.068
36	9.014	33.607	26.026	197.9	0.080
40	9.359	33.755	26.086	192.3	0.088
46	9.287	33.790	26.125	188.7	0.099
50	9.190	33.831	26.173	184.2	0.107
60	8.447	33.865	26.316	170.7	0.125
70	8.512	33.914	26.344	168.2	0.142
80	8.354	33.970	26.412	161.9	0.158
90	8.279	33.990	26.439	159.5	0.174
100	7.907	34.006	26.507	153.2	0.190
128	7.786	34.036	26.548	149.7	0.229
150	7.744	34.049	26.565	148.5	0.265
176	7.718	34.055	26.573	148.1	0.303
180	7.717	34.056	26.574	148.1	0.309

PRESS	TRANS	FLUOR
0	0.71	0.469
8	0.62	0.566
10	0.63	0.900
18	0.65	1.550
20	0.67	2.019
26	0.52	0.761
30	0.43	0.177
38	0.50	1.262
40	1.04	4.035
46	1.26	4.773
50	1.17	3.802
60	0.58	0.538
70	0.44	0.194
80	0.36	0.067
90	0.39	0.095
100	0.48	0.113
126	0.52	0.102
150	0.63	0.151
178	0.66	0.127
180	0.66	0.124



210

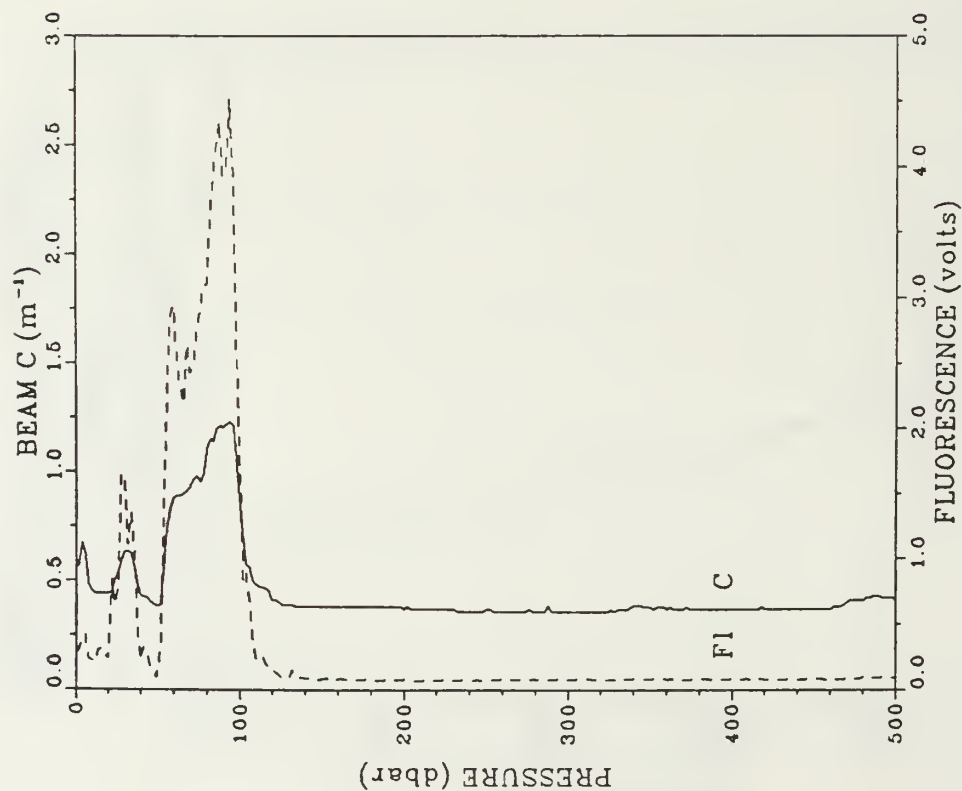
STATION: 210 LAT: 39 20.5 N LON: 123 56.5 W
 DATE: 7/13/88 TIME: 2330Z



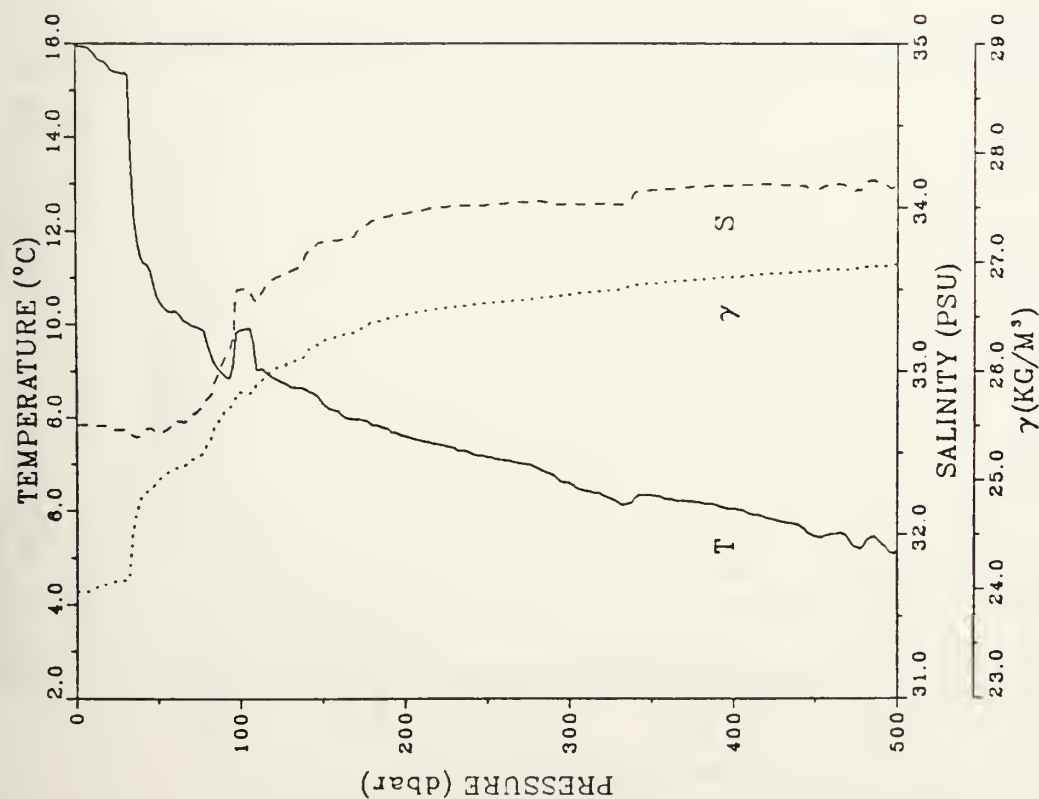
STATION: 211 LAT: 39 19.8 N LON: 124 3.3 W
DATE: 7/14/88 TIME: 0018Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	11.563	32.763	24.933	301.1	0.000
6	10.219	32.779	25.182	277.6	0.014
10	9.875	32.803	25.258	270.4	0.025
18	9.808	32.812	25.278	288.8	0.042
20	9.732	32.833	25.305	266.1	0.052
28	10.051	33.043	25.416	255.7	0.068
30	10.588	33.155	25.412	258.2	0.078
36	9.529	33.119	25.581	242.0	0.093
40	9.210	33.238	25.704	228.5	0.103
46	9.035	33.373	25.839	215.8	0.116
50	8.752	33.484	25.970	203.4	0.124
60	9.307	33.719	26.068	194.5	0.144
70	9.360	33.741	26.075	193.9	0.184
80	9.392	33.772	26.094	192.3	0.183
90	9.271	33.848	26.172	185.1	0.202
100	8.610	33.847	26.277	175.2	0.220
126	8.396	33.988	26.420	182.0	0.264
150	8.167	34.027	26.485	158.2	0.302
178	7.622	33.988	26.533	151.9	0.342
200	7.400	33.989	26.587	149.0	0.378
226	7.327	34.028	26.608	145.4	0.418
250	7.288	34.049	26.830	143.7	0.451
276	7.051	34.093	26.898	137.6	0.487
300	6.878	34.109	26.734	134.4	0.520
326	6.891	34.128	26.774	130.9	0.555
350	6.608	34.142	26.796	129.0	0.506
376	6.547	34.150	26.811	128.0	0.819
400	6.429	34.162	26.836	125.9	0.650
426	6.375	34.169	26.848	125.0	0.882
450	6.324	34.175	26.859	124.2	0.712
476	5.979	34.212	26.933	117.3	0.744
500	5.873	34.217	26.950	115.8	0.772

PRESS	TRANS	FLUOR
1	0.58	0.284
8	0.62	0.415
10	0.45	0.218
16	0.44	0.315
20	0.44	0.235
28	0.54	0.780
30	0.63	1.604
38	0.58	1.039
40	0.43	0.215
46	0.40	0.155
50	0.38	0.092
60	0.88	2.939
70	0.93	2.425
80	1.11	3.101
90	1.20	3.931
100	0.90	1.774
126	0.39	0.090
150	0.38	0.084
178	0.38	0.077
200	0.37	0.076
226	0.37	0.074
250	0.37	0.075
278	0.37	0.075
300	0.36	0.081
326	0.37	0.078
350	0.38	0.082
378	0.37	0.081
400	0.37	0.081
426	0.37	0.078
450	0.37	0.080
478	0.41	0.085
500	0.41	0.085

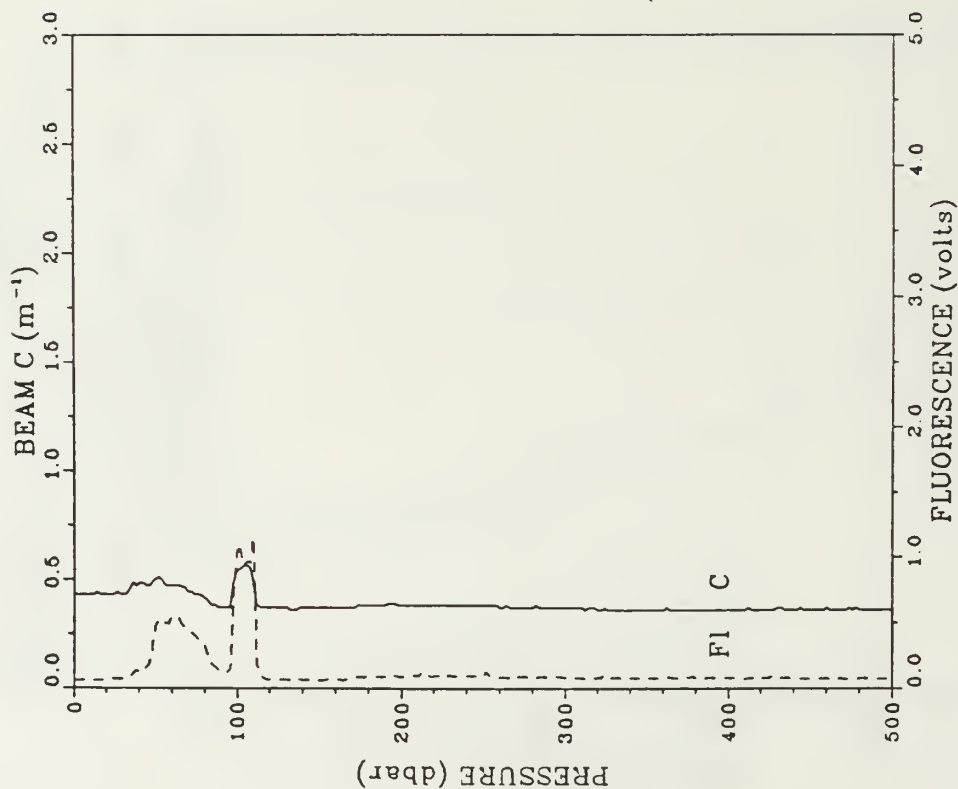


STATION: 211 LAT: 39 19.8 N LON: 124 3.3 W
 DATE: 7/14/88 TIME: 0018Z



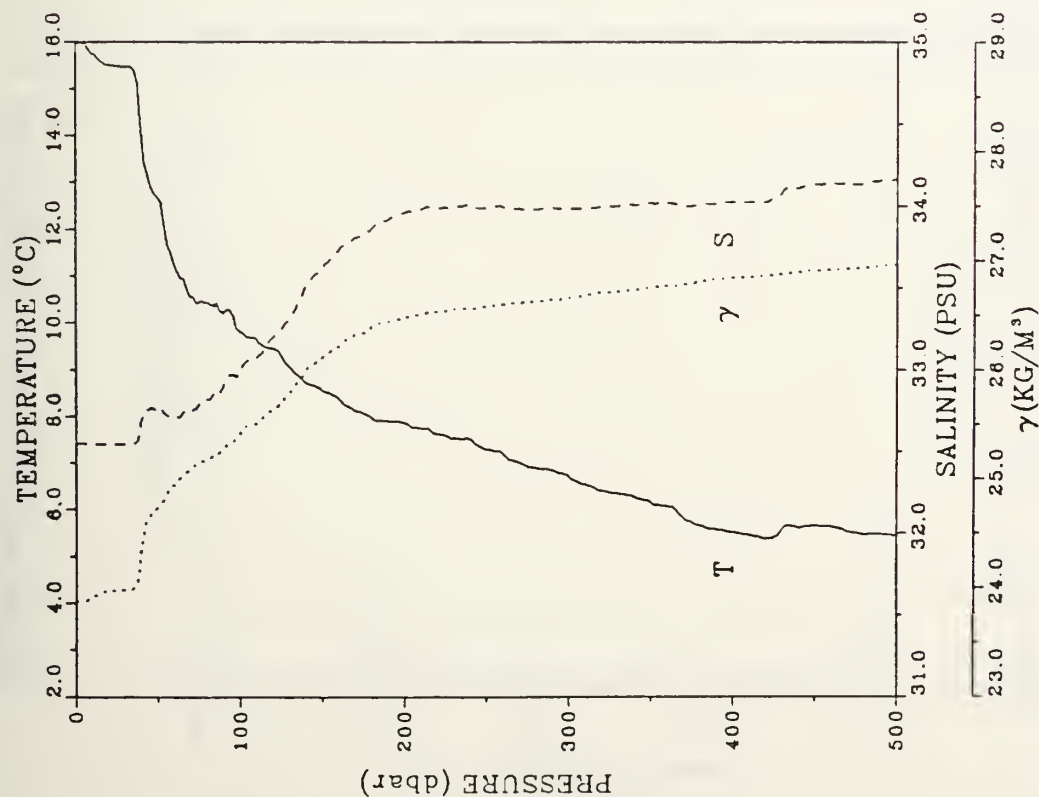
STATION: 212 LAT: 39 18.0 N LON: 124 19.0 W
DATE: 7/14/88 TIME: 0211Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.937	32.670	23.971	392.8	0.000
6	15.915	32.670	23.976	392.5	0.020
10	15.826	32.667	23.994	390.9	0.035
16	15.625	32.667	24.038	386.8	0.059
20	15.539	32.652	24.046	386.2	0.074
26	15.375	32.642	24.074	383.7	0.097
30	15.371	32.648	24.060	383.3	0.113
36	12.271	32.595	24.671	326.9	0.134
40	11.423	32.633	24.858	309.2	0.147
46	11.143	32.649	24.920	303.3	0.165
50	10.593	32.622	24.996	296.2	0.177
60	10.300	32.697	25.104	286.0	0.206
70	9.983	32.727	25.181	278.9	0.234
80	9.590	32.835	25.330	264.9	0.261
90	8.930	33.065	25.614	237.9	0.287
100	9.881	33.502	25.803	220.4	0.310
126	8.760	33.590	26.052	197.0	0.364
150	8.350	33.791	26.272	176.4	0.409
176	7.953	33.890	26.409	163.7	0.453
200	7.609	33.965	26.518	153.6	0.491
226	7.375	34.008	26.585	147.6	0.530
250	7.181	34.017	26.622	144.3	0.565
276	7.003	34.033	26.657	141.4	0.602
300	6.614	34.028	26.705	136.9	0.636
326	6.270	34.020	26.744	133.4	0.671
350	6.348	34.104	26.800	128.4	0.702
376	6.203	34.126	26.836	125.3	0.735
400	6.052	34.134	26.862	123.0	0.765
426	5.807	34.136	26.894	120.1	0.797
450	5.457	34.111	26.917	117.9	0.825
476	5.226	34.110	26.944	115.4	0.855
500	5.131	34.132	26.972	112.9	0.883



PRESS	TRANS	FLUOR
1	0.43	0.057
6	0.43	0.057
10	0.43	0.057
18	0.43	0.058
20	0.43	0.060
26	0.44	0.069
30	0.43	0.069
38	0.48	0.101
40	0.48	0.127
46	0.47	0.176
50	0.50	0.459
60	0.47	0.534
70	0.44	0.445
80	0.41	0.337
90	0.37	0.131
100	0.54	1.026
126	0.37	0.062
150	0.37	0.080
178	0.38	0.081
200	0.38	0.084
226	0.38	0.102
250	0.38	0.087
276	0.37	0.091
300	0.37	0.063
328	0.38	0.076
350	0.36	0.077
376	0.36	0.082
400	0.38	0.077
426	0.38	0.092
450	0.38	0.073
476	0.38	0.070
500	0.38	0.074

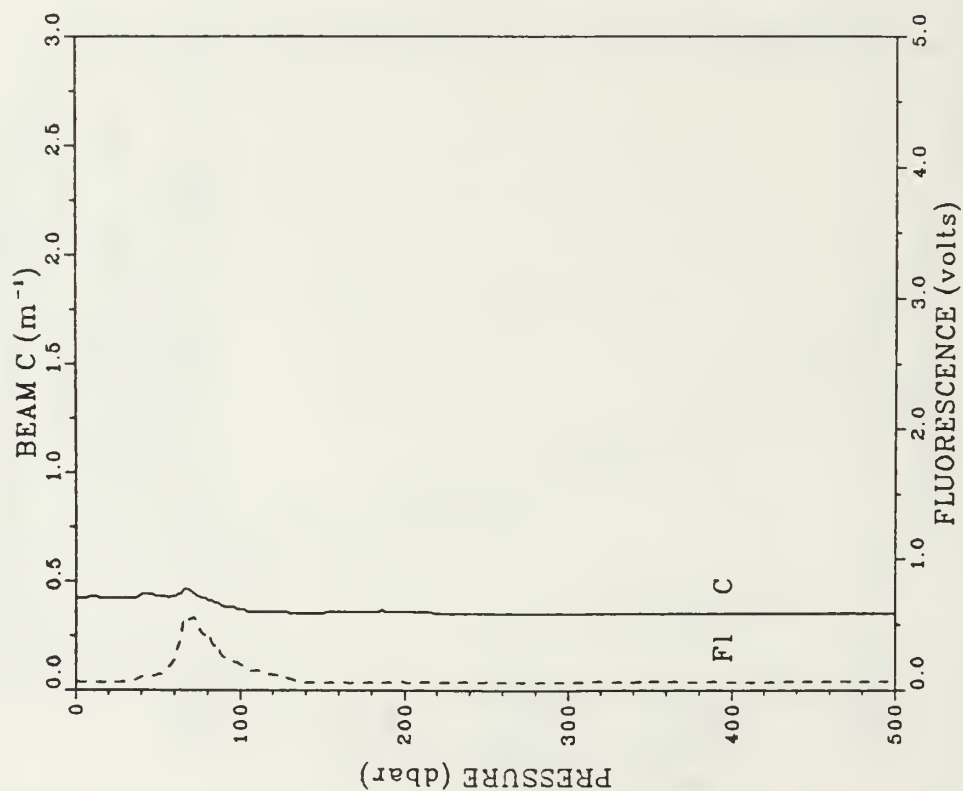
STATION: 212 LAT: 39 18.0 N LON: 124 19.0 W
 DATE: 7/14/88 TIME: 0211Z



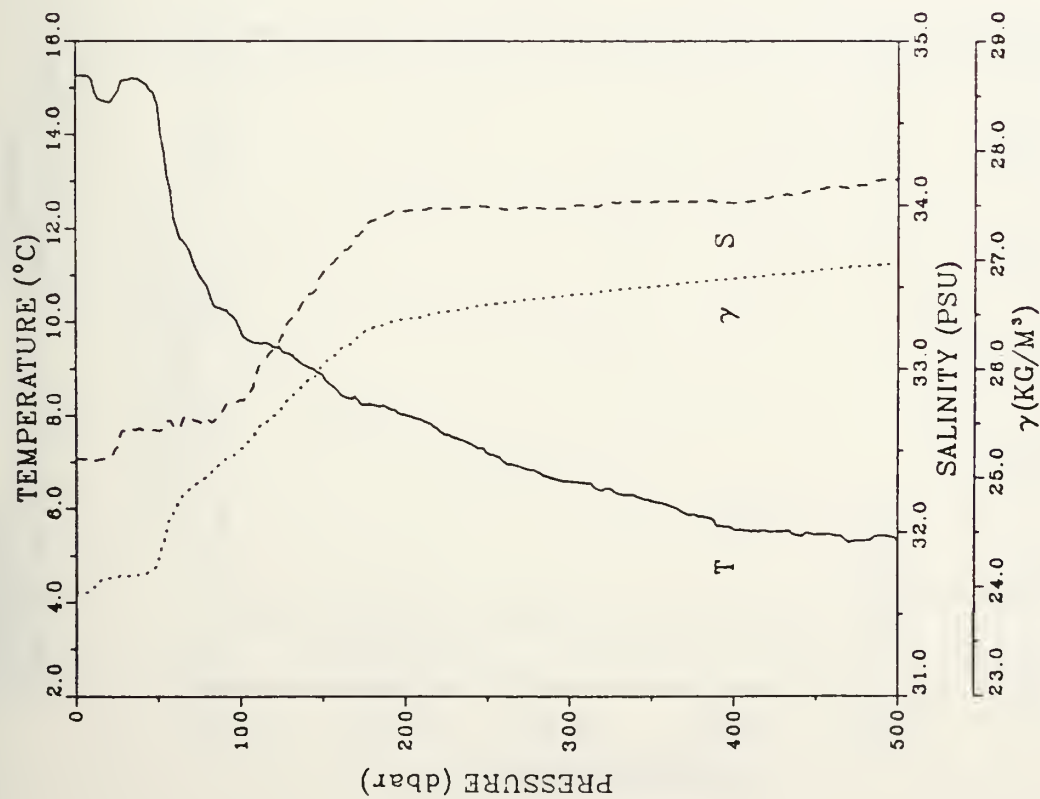
STATION: 213 LAT: 39 15.0 N LONG: 124 46.2 W
 DATE: 7/14/88 TIME: 0500Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.972	32.547	23.869	402.6	0.000
6	15.963	32.547	23.871	402.5	0.020
10	15.744	32.540	23.914	398.5	0.036
16	15.558	32.540	23.955	394.7	0.060
20	15.502	32.541	23.968	393.6	0.076
26	15.476	32.541	23.974	393.2	0.099
30	15.464	32.542	23.978	393.0	0.115
36	15.384	32.545	23.997	391.2	0.139
40	14.195	32.679	24.354	357.3	0.154
46	12.927	32.768	24.679	326.4	0.174
50	12.657	32.764	24.729	321.8	0.187
60	11.260	32.705	24.943	301.4	0.218
70	10.554	32.732	25.088	287.8	0.248
80	10.438	32.817	25.174	279.8	0.276
90	10.200	32.897	25.277	270.1	0.304
100	9.823	32.978	25.403	258.3	0.330
126	9.274	33.253	25.707	229.8	0.393
150	8.549	33.625	26.112	191.6	0.444
178	8.056	33.822	26.341	170.2	0.491
200	7.855	33.959	26.478	157.6	0.530
226	7.589	33.991	26.542	151.8	0.571
250	7.297	33.986	26.579	148.5	0.607
278	6.922	33.977	26.624	144.5	0.645
300	6.737	33.983	26.654	141.9	0.679
326	6.370	33.997	26.713	136.4	0.715
350	6.170	34.016	26.754	132.7	0.747
376	5.720	34.004	26.801	128.2	0.781
400	5.519	34.024	26.841	124.6	0.812
426	5.445	34.055	26.874	121.6	0.844
450	5.659	34.129	26.907	119.1	0.873
476	5.494	34.132	26.929	117.1	0.903
500	5.436	34.159	26.958	114.6	0.931

PRESS	TRANS	FLUOR
1	0.42	0.064
6	0.42	0.060
10	0.43	0.063
16	0.42	0.058
20	0.42	0.058
26	0.42	0.059
30	0.42	0.061
36	0.42	0.074
40	0.44	0.100
46	0.44	0.108
50	0.43	0.122
60	0.43	0.232
70	0.45	0.540
80	0.41	0.439
90	0.38	0.246
100	0.37	0.195
126	0.36	0.118
150	0.35	0.056
176	0.36	0.057
200	0.36	0.057
226	0.35	0.060
250	0.35	0.063
276	0.35	0.059
300	0.35	0.059
326	0.35	0.061
350	0.35	0.064
376	0.35	0.061
400	0.35	0.059
426	0.35	0.063
450	0.35	0.065
476	0.35	0.066
500	0.35	0.066



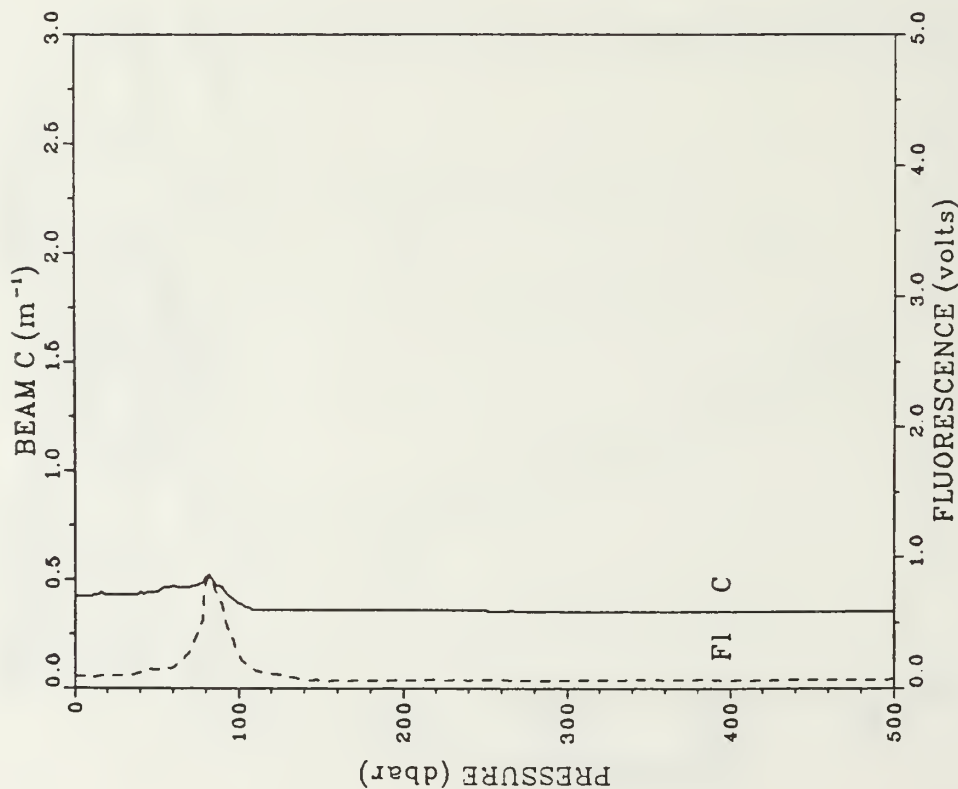
STATION: 213 LAT: 39 15.0 N LON: 124 46.2 W
 DATE: 7/14/88 TIME: 0500Z



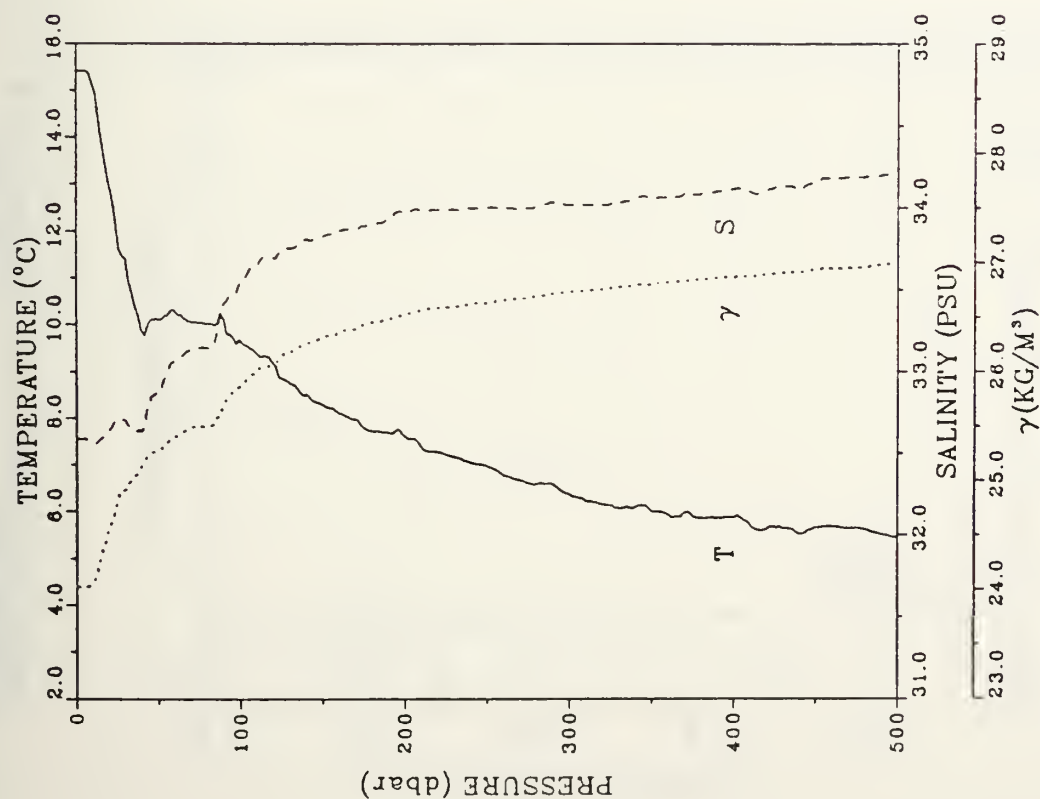
STATION: 214 LAT: 39 3.4 N LON: 124 37.7 W
 DATE: 7/14/88 TIME: 0648Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.252	32.451	23.954	394.5	0.000
6	15.249	32.450	23.954	394.6	0.024
10	15.169	32.442	23.965	393.7	0.039
16	14.718	32.447	24.066	384.2	0.063
20	14.689	32.450	24.074	383.5	0.078
26	14.922	32.543	24.096	381.6	0.101
30	15.166	32.618	24.101	381.2	0.116
36	15.191	32.631	24.106	380.9	0.139
40	15.140	32.628	24.114	380.2	0.154
46	14.924	32.625	24.159	376.1	0.177
50	14.624	32.621	24.220	370.4	0.192
60	12.225	32.643	24.717	323.0	0.227
70	11.515	32.704	24.896	306.1	0.258
80	10.765	32.700	25.027	293.8	0.288
90	10.257	32.755	25.157	281.6	0.317
100	9.878	32.811	25.284	271.5	0.345
126	9.361	33.212	25.661	234.2	0.410
150	8.870	33.582	26.029	199.6	0.462
176	8.237	33.885	26.347	169.7	0.510
200	8.006	33.965	26.460	159.3	0.550
226	7.596	33.977	26.530	153.0	0.590
250	7.205	33.986	26.592	147.3	0.626
276	6.848	33.986	26.641	142.8	0.664
300	6.602	33.986	26.674	139.9	0.698
326	6.422	34.017	26.722	135.6	0.734
350	6.174	34.017	26.754	132.7	0.766
376	5.882	34.020	26.793	129.1	0.800
400	5.569	34.013	26.826	126.0	0.831
426	5.522	34.055	26.865	122.6	0.863
450	5.452	34.090	26.901	119.4	0.892
476	5.328	34.121	26.940	115.9	0.923
500	5.318	34.149	26.964	113.9	0.950

PRESS	TRANS	FLUOR
0	0.42	0.069
8	0.42	0.091
10	0.42	0.083
18	0.44	0.095
20	0.43	0.092
26	0.43	0.094
30	0.43	0.095
36	0.43	0.104
40	0.44	0.118
46	0.44	0.145
50	0.44	0.137
60	0.47	0.159
70	0.46	0.269
80	0.51	0.796
90	0.48	0.836
100	0.39	0.266
126	0.36	0.102
150	0.36	0.059
176	0.36	0.060
200	0.36	0.062
226	0.36	0.060
250	0.36	0.062
276	0.35	0.059
300	0.35	0.056
326	0.35	0.062
350	0.35	0.062
376	0.35	0.062
400	0.35	0.059
426	0.35	0.062
450	0.35	0.066
476	0.35	0.066
500	0.35	0.072



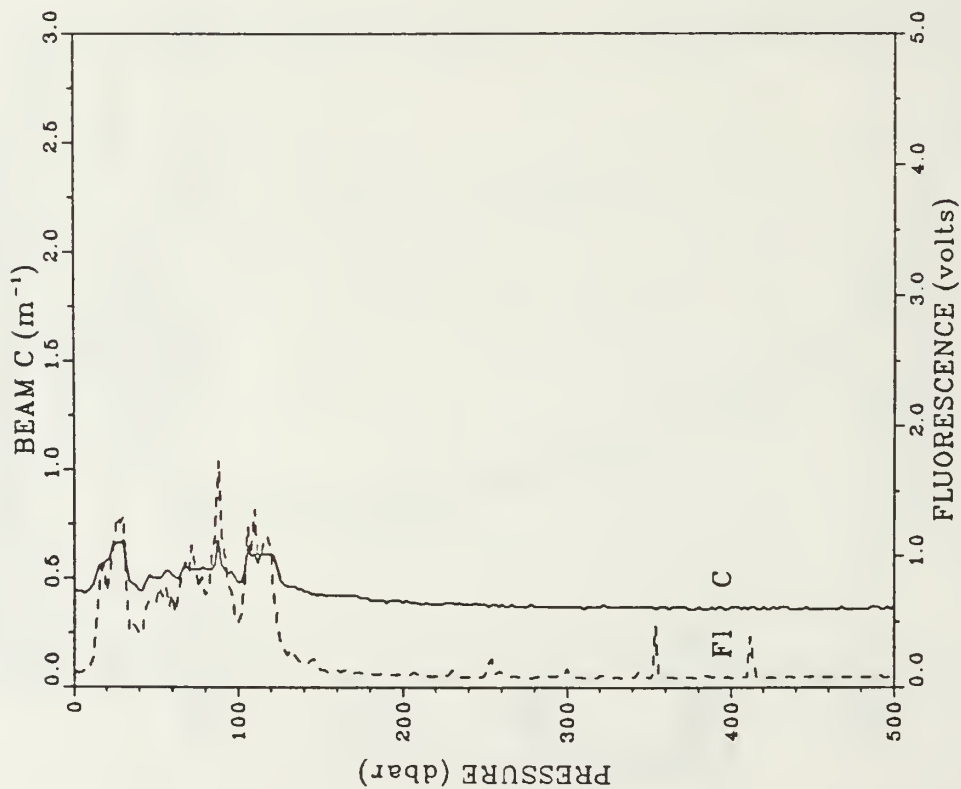
STATION: 214 LAT: 39 3.4 N LON: 124 37.7 W
 DATE: 7/14/88 TIME: 0648Z



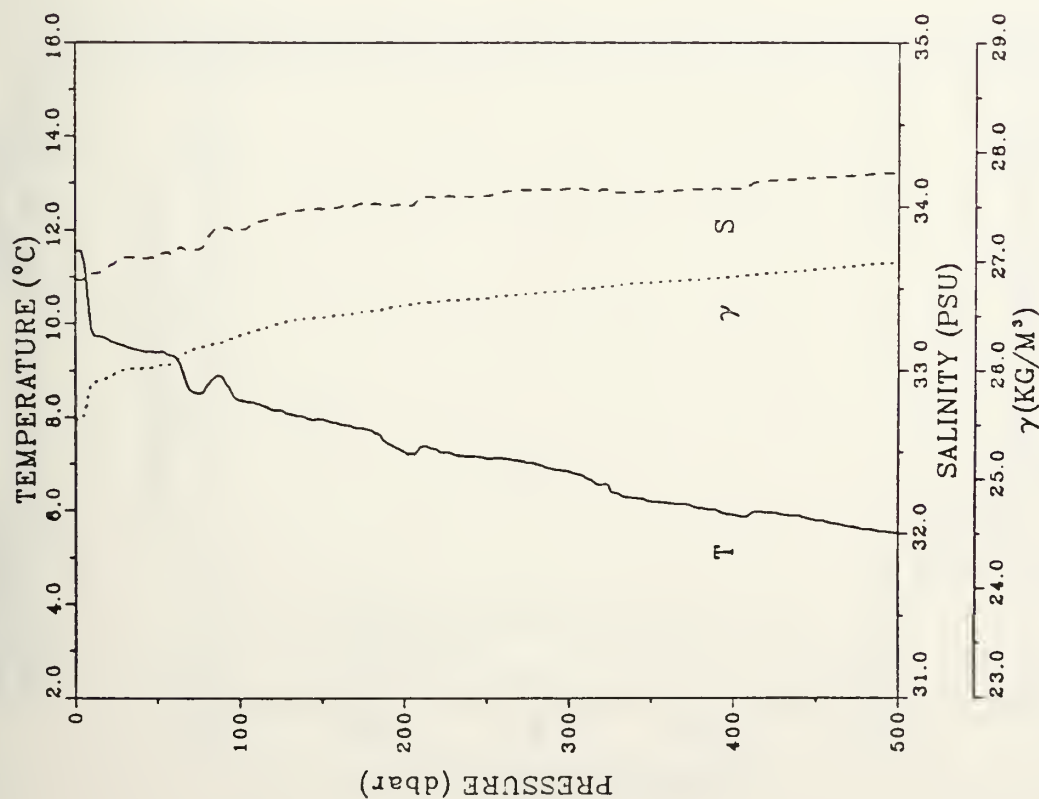
STATION: 215 LAT: 38 52.0 N LON: 124 29.2 W
DATE: 7/14/88 TIME: 0841Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.407	32.586	24.024	387.8	0.000
6	15.416	32.585	24.021	388.2	0.019
10	15.125	32.570	24.073	383.3	0.035
16	13.866	32.584	24.357	356.4	0.057
20	13.044	32.632	24.551	338.0	0.071
26	11.609	32.709	24.883	306.5	0.090
30	11.394	32.700	24.915	303.5	0.102
36	10.376	32.631	25.039	291.7	0.120
40	9.872	32.631	25.124	283.7	0.132
46	10.107	32.844	25.251	271.7	0.148
50	10.116	32.866	25.267	270.3	0.159
60	10.291	33.065	25.393	258.6	0.186
70	10.050	33.134	25.487	249.8	0.211
80	10.026	33.146	25.501	248.7	0.236
90	10.131	33.416	25.694	230.6	0.260
100	9.685	33.540	25.865	214.4	0.282
126	8.841	33.743	26.159	186.8	0.334
150	8.286	33.825	26.309	172.9	0.376
176	7.774	33.892	26.437	161.0	0.421
200	7.621	33.988	26.519	153.6	0.459
226	7.213	33.988	26.592	146.9	0.498
250	6.992	34.001	26.633	143.2	0.533
276	6.613	33.997	26.681	138.9	0.569
300	6.364	34.018	26.730	134.4	0.602
326	6.142	34.029	26.768	131.1	0.637
350	6.015	34.052	26.802	128.0	0.668
378	5.885	34.080	26.840	124.6	0.701
400	5.890	34.114	26.867	122.5	0.730
426	5.866	34.124	26.902	119.2	0.762
450	5.657	34.162	26.933	116.6	0.790
476	5.647	34.185	26.953	115.0	0.820
500	5.429	34.204	26.994	111.2	0.847

PRESS	TRANS	FLUOR
1	0.44	0.112
6	0.43	0.124
10	0.45	0.149
18	0.58	0.637
20	0.58	0.723
28	0.68	1.298
30	0.67	1.303
38	0.47	0.475
40	0.44	0.398
48	0.51	0.651
50	0.50	0.630
60	0.51	0.708
70	0.54	0.871
80	0.54	0.700
90	0.58	1.150
100	0.48	0.488
128	0.49	0.326
150	0.43	0.135
178	0.41	0.105
200	0.39	0.091
228	0.39	0.088
250	0.38	0.087
278	0.37	0.071
300	0.37	0.146
328	0.37	0.074
350	0.37	0.071
378	0.38	0.071
400	0.37	0.072
428	0.37	0.073
450	0.38	0.068
478	0.36	0.072
500	0.37	0.070



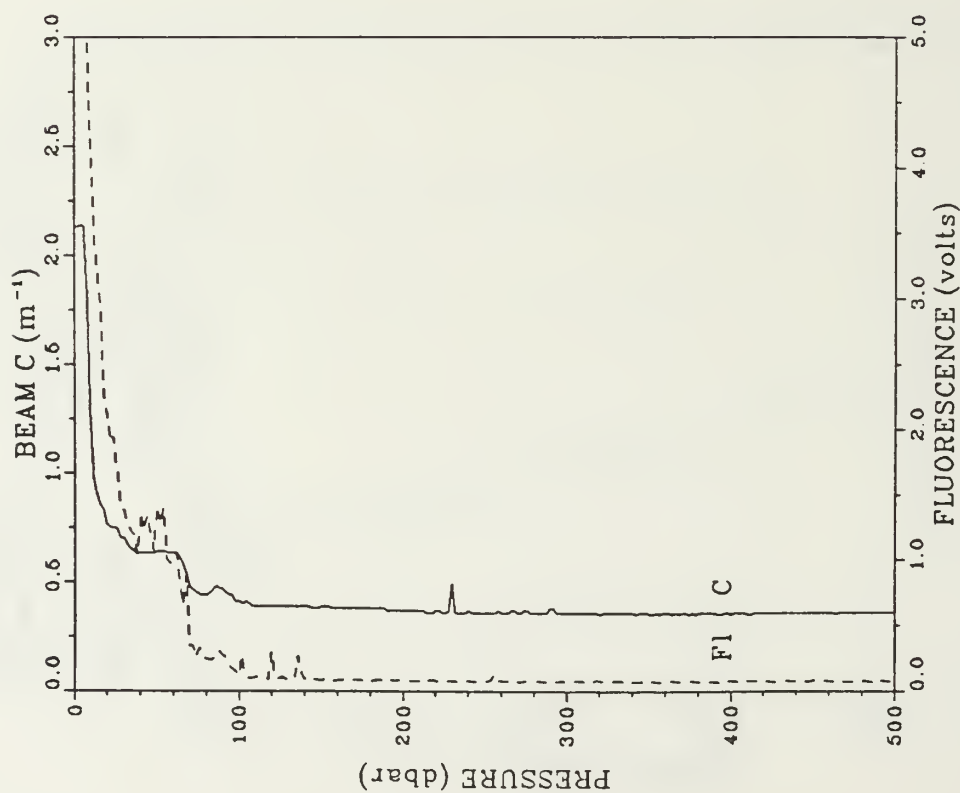
STATION: 215 LAT: 38 52.0 N LON: 124 29.2 W
 DATE: 7/14/88 TIME: 0841Z



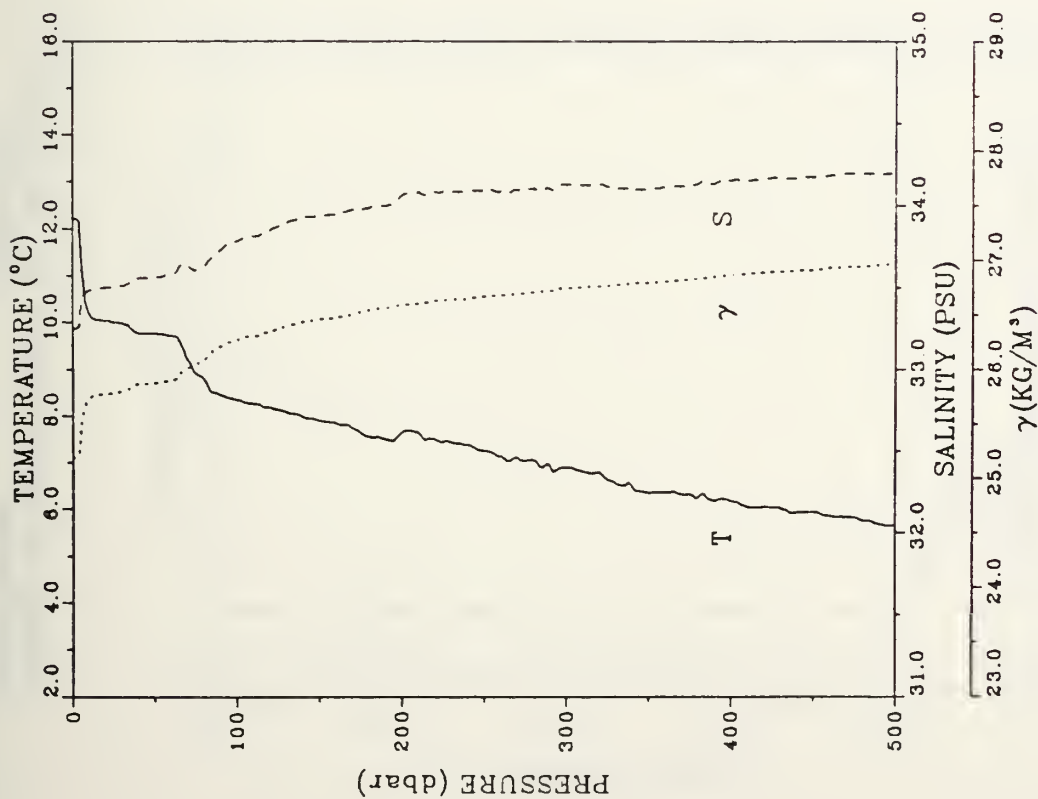
STATION: 216 LAT: 38 40.8 N LONG: 124 20.6 W
DATE: 7/14/88 TIME: 1030Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	11.555	33.552	25.548	242.6	0.000
6	11.261	33.580	25.608	237.1	0.014
10	9.893	33.592	25.671	212.1	0.023
16	9.706	33.600	25.906	206.7	0.036
20	9.655	33.630	25.940	205.8	0.044
26	9.553	33.677	25.994	200.6	0.056
30	9.527	33.666	26.005	199.6	0.064
36	9.457	33.689	26.019	196.6	0.076
40	9.416	33.685	26.022	196.3	0.084
46	9.410	33.668	26.026	196.1	0.096
50	9.386	33.698	26.037	197.1	0.104
60	9.311	33.729	26.074	193.6	0.124
70	8.579	33.734	26.193	162.6	0.143
60	8.659	33.799	26.231	179.1	0.161
90	8.632	33.871	26.261	176.5	0.176
100	8.357	33.656	26.322	170.6	0.196
126	8.129	33.960	26.438	160.2	0.239
150	7.966	33.990	26.486	156.0	0.277
176	7.758	34.023	26.542	151.0	0.317
200	7.256	34.004	26.599	145.9	0.352
226	7.264	34.066	26.647	141.8	0.390
250	7.128	34.068	26.667	140.1	0.424
276	7.040	34.103	26.707	136.7	0.460
300	6.850	34.110	26.736	134.0	0.492
326	6.394	34.077	26.773	130.7	0.526
350	6.195	34.090	26.809	127.5	0.557
376	6.070	34.105	26.837	125.1	0.590
400	5.912	34.111	26.861	123.0	0.620
426	5.936	34.161	26.898	119.9	0.652
450	5.791	34.175	26.927	117.3	0.680
476	5.615	34.191	26.961	114.2	0.710
500	5.506	34.205	26.965	112.1	0.737

PRESS	TRANS	FLUOR
0	2.13	5.000
8	2.13	5.000
10	1.26	4.188
16	0.85	2.987
20	0.78	2.127
26	0.74	1.659
30	0.70	1.378
36	0.64	1.193
40	0.63	1.361
46	0.63	1.207
50	0.64	1.407
60	0.63	1.017
70	0.48	0.342
80	0.44	0.241
90	0.47	0.271
100	0.41	0.114
126	0.39	0.108
150	0.39	0.084
176	0.38	0.083
200	0.37	0.073
226	0.36	0.076
250	0.36	0.078
276	0.37	0.075
300	0.36	0.073
326	0.36	0.078
350	0.35	0.074
376	0.36	0.074
400	0.35	0.074
426	0.36	0.073
450	0.36	0.082
476	0.36	0.073
500	0.36	0.071



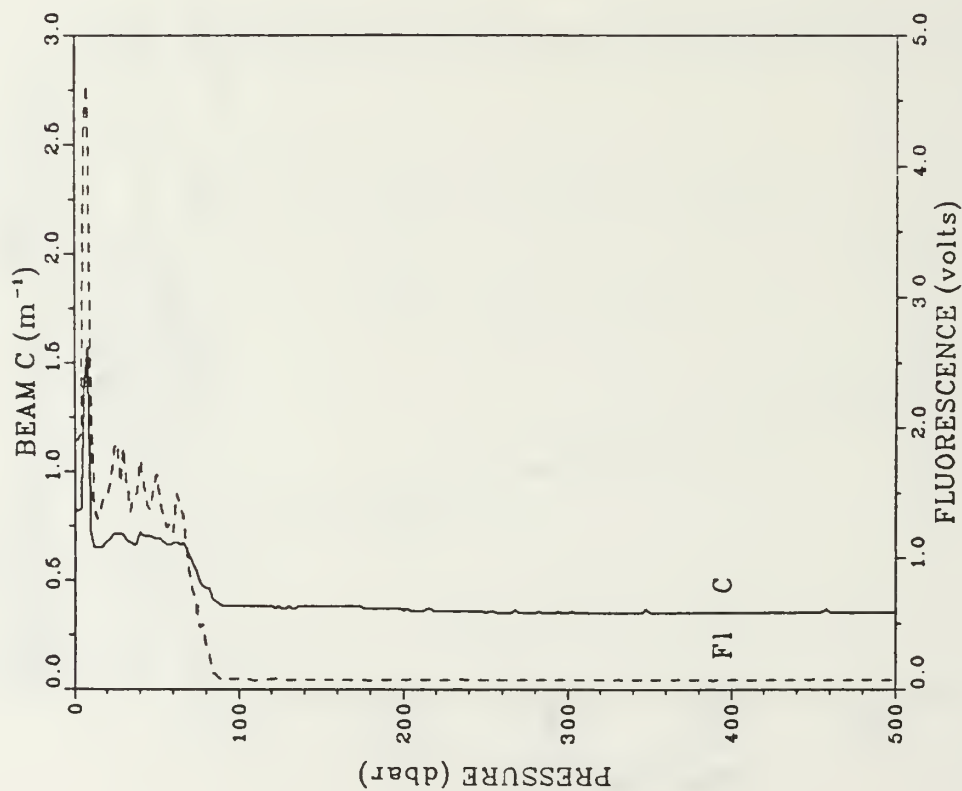
STATION: 216 LAT: 38 40.8 N LON: 124 20.6 W
 DATE: 7/14/88 TIME: 1030Z



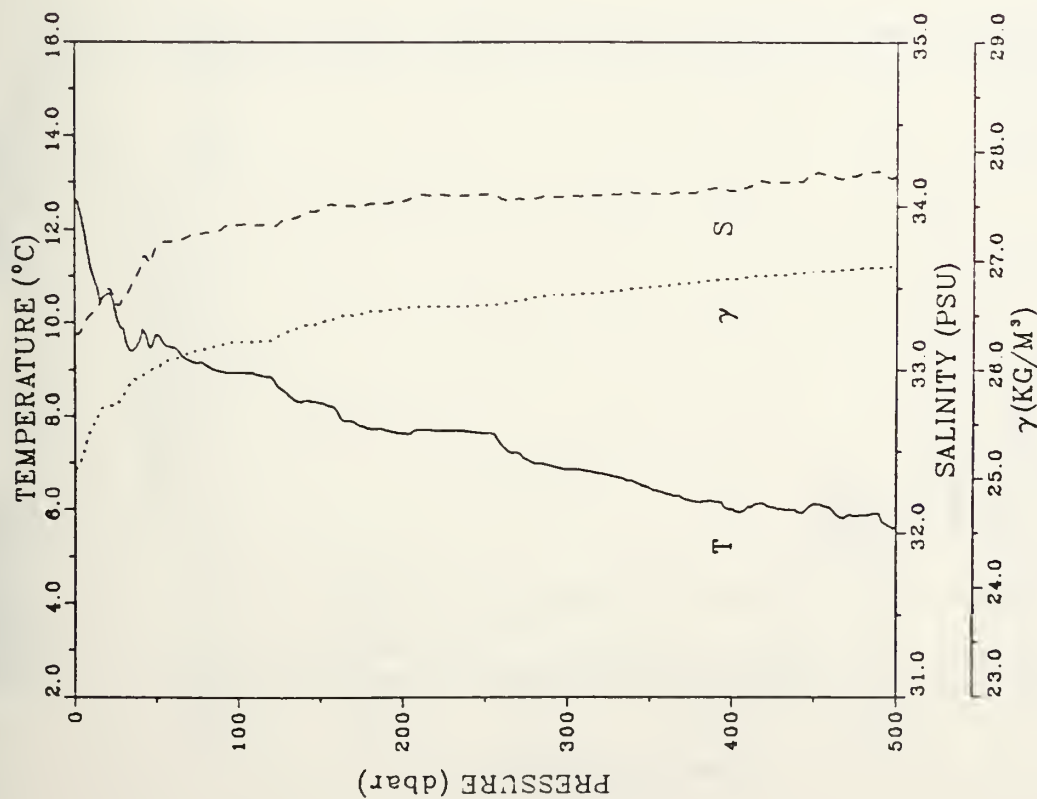
STATION: 217 LAT: 38 29.5 N LON: 124 12.0 W
DATE: 7/14/88 TIME: 1218Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	12.221	33.250	25.189	276.8	0.000
6	11.093	33.431	25.538	243.7	0.016
10	10.207	33.482	25.732	225.3	0.025
16	10.050	33.492	25.767	222.2	0.038
20	10.043	33.499	25.773	221.6	0.047
26	10.002	33.502	25.762	220.9	0.061
30	9.981	33.513	25.795	219.8	0.069
36	9.651	33.545	25.841	215.5	0.082
40	9.765	33.557	25.865	213.3	0.091
48	9.760	33.560	25.868	213.1	0.104
50	9.760	33.560	25.868	213.2	0.112
60	9.705	33.580	25.893	211.0	0.134
70	9.224	33.633	26.013	199.8	0.154
80	8.765	33.630	26.079	193.6	0.174
90	8.445	33.728	26.209	181.4	0.193
100	8.349	33.782	26.265	176.2	0.210
126	8.125	33.675	26.372	166.5	0.255
150	7.690	33.936	26.456	156.8	0.294
176	7.624	33.978	26.527	152.4	0.334
200	7.653	34.060	26.587	147.2	0.370
226	7.471	34.090	26.636	142.6	0.408
250	7.258	34.094	26.670	140.0	0.442
276	7.049	34.097	26.701	137.3	0.478
300	6.697	34.129	26.747	133.2	0.511
326	6.630	34.116	26.773	130.9	0.545
350	6.357	34.101	26.797	128.6	0.576
376	6.304	34.124	26.622	126.7	0.609
400	6.183	34.152	26.660	123.4	0.639
426	6.039	34.170	26.692	120.5	0.671
450	5.932	34.176	26.910	119.0	0.700
476	5.814	34.195	26.940	116.4	0.730
500	5.659	34.197	26.981	114.6	0.758

PRESS	TRANS	FLUOR
0	0.82	1.903
8	1.39	4.385
10	0.72	2.195
18	0.65	1.378
20	0.68	1.466
28	0.71	1.881
30	0.70	1.646
36	0.66	1.468
40	0.72	1.752
48	0.70	1.367
50	0.69	1.642
60	0.67	1.193
70	0.61	0.879
80	0.46	0.337
80	0.38	0.073
100	0.38	0.074
128	0.37	0.074
150	0.38	0.068
176	0.37	0.068
200	0.36	0.069
226	0.36	0.069
250	0.35	0.073
278	0.35	0.071
300	0.35	0.069
328	0.35	0.073
350	0.35	0.071
378	0.35	0.070
400	0.35	0.073
428	0.35	0.072
450	0.35	0.075
478	0.35	0.071
500	0.35	0.072

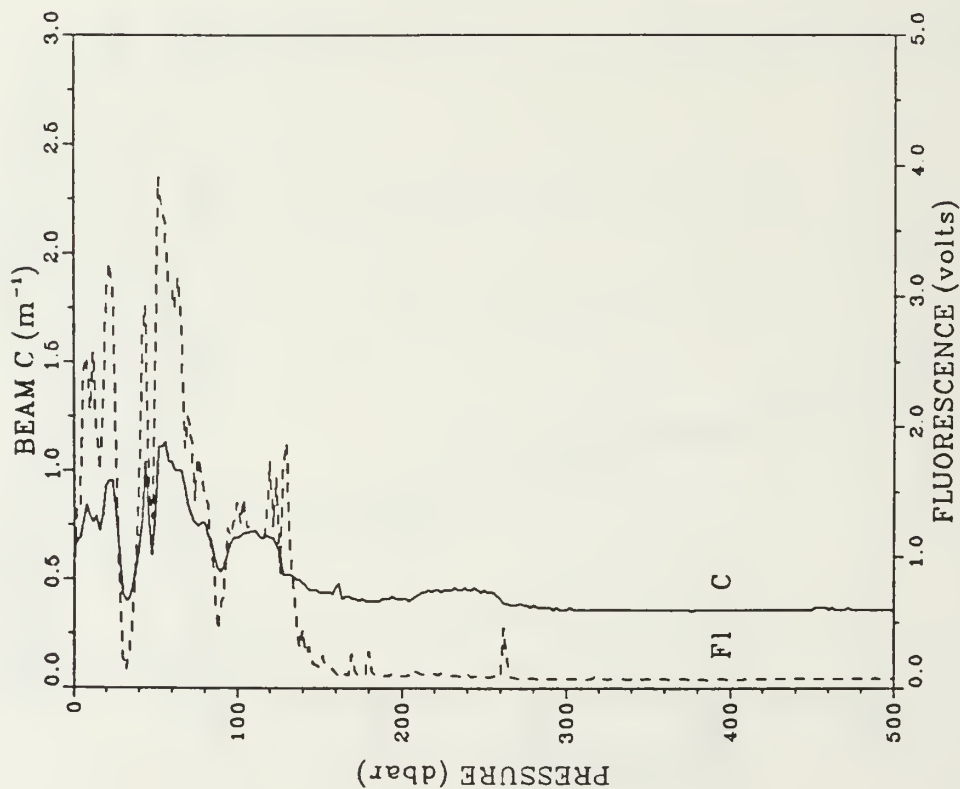


STATION: 217 LAT: 38 29.5 N LON: 124 12.0 W
 DATE: 7/14/88 TIME: 1218Z



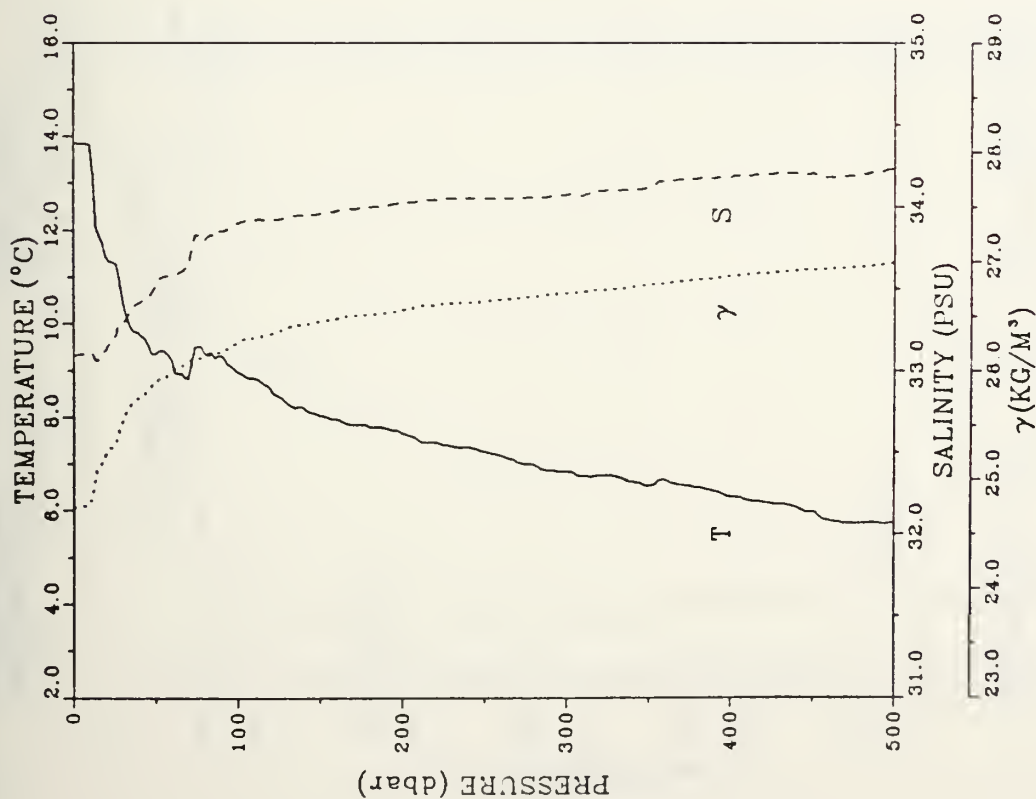
STATION: 218 LAT: 38 18.1 N LON: 124 3.7 W
DATE: 7/14/88 TIME: 1406Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	12.612	33.219	25.090	286.2	0.000
6	11.966	33.284	25.263	269.6	0.014
10	11.166	33.335	25.450	252.2	0.024
16	10.409	33.409	25.641	234.2	0.039
20	10.627	33.492	25.668	231.7	0.048
26	10.082	33.394	25.685	230.2	0.062
30	9.866	33.449	25.764	222.7	0.071
36	9.404	33.541	25.912	208.8	0.084
40	9.615	33.612	25.933	206.8	0.092
46	9.474	33.649	25.985	202.0	0.105
50	9.748	33.754	26.022	198.6	0.113
60	9.477	33.786	26.091	192.2	0.132
70	9.196	33.817	26.161	185.7	0.151
80	9.091	33.839	26.195	182.7	0.170
90	8.955	33.862	26.235	179.1	0.188
100	8.942	33.887	26.256	177.2	0.205
126	8.587	33.908	26.328	170.8	0.251
150	8.290	33.982	26.431	161.3	0.291
176	7.784	34.001	26.521	153.1	0.331
200	7.637	34.029	26.565	149.3	0.368
226	7.703	34.067	26.585	147.8	0.406
250	7.652	34.072	26.596	147.1	0.442
278	7.069	34.038	26.652	141.9	0.478
300	6.886	34.059	26.693	138.2	0.513
326	6.744	34.071	26.722	135.8	0.548
350	6.474	34.078	26.763	132.0	0.581
378	6.196	34.084	26.804	128.3	0.614
400	6.025	34.096	26.835	125.5	0.645
426	6.053	34.146	26.871	122.5	0.677
450	6.121	34.197	26.903	119.9	0.708
478	5.872	34.189	26.928	117.6	0.737
500	5.625	34.181	26.952	115.4	0.765



PRESS	TRANS	FLUOR
1	0.65	0.999
6	0.76	2.438
10	0.79	2.135
16	0.72	1.655
20	0.93	2.962
26	0.76	1.656
30	0.43	0.222
36	0.46	0.502
40	0.64	1.532
46	0.79	1.529
50	0.76	2.467
60	1.04	3.081
70	0.84	2.076
80	0.76	1.489
90	0.53	0.647
100	0.69	1.417
126	0.62	0.879
150	0.44	0.163
178	0.41	0.112
200	0.41	0.090
226	0.45	0.098
250	0.45	0.063
276	0.38	0.071
300	0.36	0.072
326	0.36	0.068
350	0.36	0.066
376	0.35	0.068
400	0.36	0.067
426	0.36	0.074
450	0.36	0.072
476	0.36	0.073
500	0.35	0.068

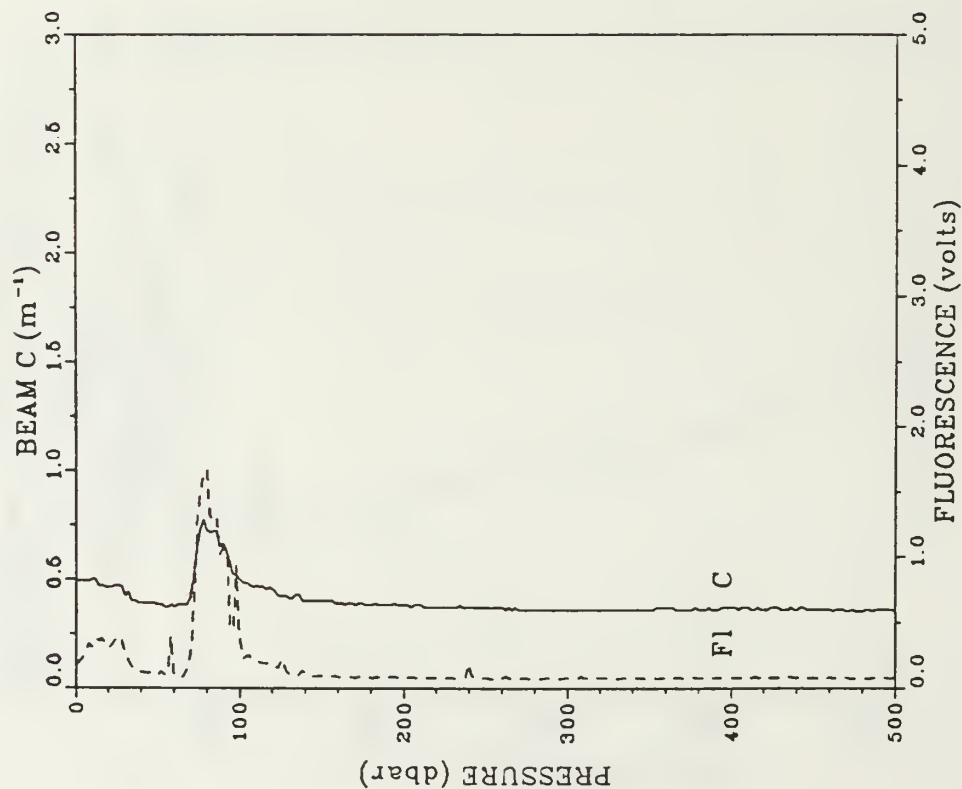
STATION: 218 LAT: 38 18.1 N LON: 124 3.7 W
 DATE: 7/14/88 TIME: 1406Z



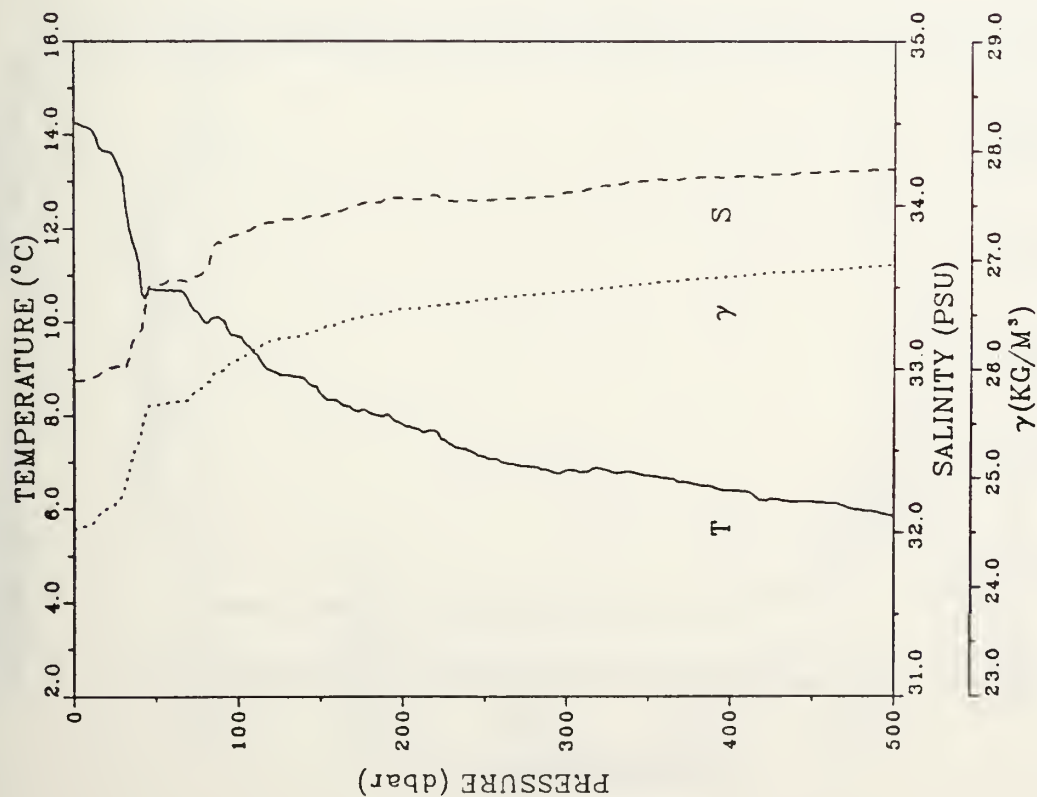
STATION: 219 LAT: 38 6.7 N LON: 123 55.0 W
DATE: 7/14/88 TIME: 1600Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	13.868	33.092	24.741	319.5	0.000
6	13.850	33.100	24.751	318.7	0.016
10	13.810	33.112	24.768	317.1	0.029
16	11.864	33.068	25.115	284.2	0.047
20	11.422	33.124	25.240	272.4	0.058
26	11.261	33.217	25.341	262.9	0.074
30	10.494	33.288	25.532	244.8	0.084
36	9.859	33.385	25.715	227.5	0.098
40	9.793	33.414	25.749	224.3	0.107
48	9.540	33.449	25.818	217.9	0.121
50	9.355	33.509	25.894	210.6	0.129
60	9.214	33.584	25.976	203.1	0.150
70	8.815	33.649	26.090	192.4	0.170
80	9.342	33.793	26.119	189.9	0.189
90	9.310	33.853	26.171	185.2	0.207
100	8.958	33.902	26.265	176.3	0.225
126	8.427	33.927	26.387	167.0	0.270
150	8.037	33.980	26.452	159.3	0.309
176	7.842	33.987	26.510	154.2	0.350
200	7.654	34.025	26.559	149.8	0.387
228	7.408	34.050	26.614	144.9	0.425
250	7.254	34.054	26.639	142.9	0.459
276	7.006	34.055	26.674	139.8	0.496
300	6.852	34.076	26.711	136.5	0.529
326	6.780	34.100	26.743	133.9	0.564
350	6.539	34.118	26.786	129.8	0.596
376	6.529	34.170	26.829	126.3	0.629
400	6.308	34.178	26.864	123.1	0.659
428	6.150	34.200	26.902	119.7	0.691
450	5.980	34.202	26.925	117.7	0.719
476	5.735	34.191	26.947	115.7	0.750
500	5.726	34.232	26.980	112.8	0.777

PRESS	TRANS	FLUOR
1	0.49	0.190
6	0.49	0.268
10	0.50	0.309
16	0.47	0.376
20	0.48	0.302
28	0.47	0.386
30	0.42	0.275
38	0.40	0.132
40	0.39	0.117
46	0.39	0.114
50	0.38	0.098
60	0.37	0.098
70	0.41	0.245
80	0.72	1.668
90	0.66	1.068
100	0.50	0.372
126	0.42	0.222
150	0.40	0.092
176	0.38	0.082
200	0.38	0.080
226	0.37	0.079
250	0.37	0.075
276	0.38	0.072
300	0.36	0.075
326	0.36	0.075
350	0.38	0.075
376	0.36	0.081
400	0.37	0.078
426	0.37	0.078
450	0.36	0.078
476	0.35	0.074
500	0.35	0.078



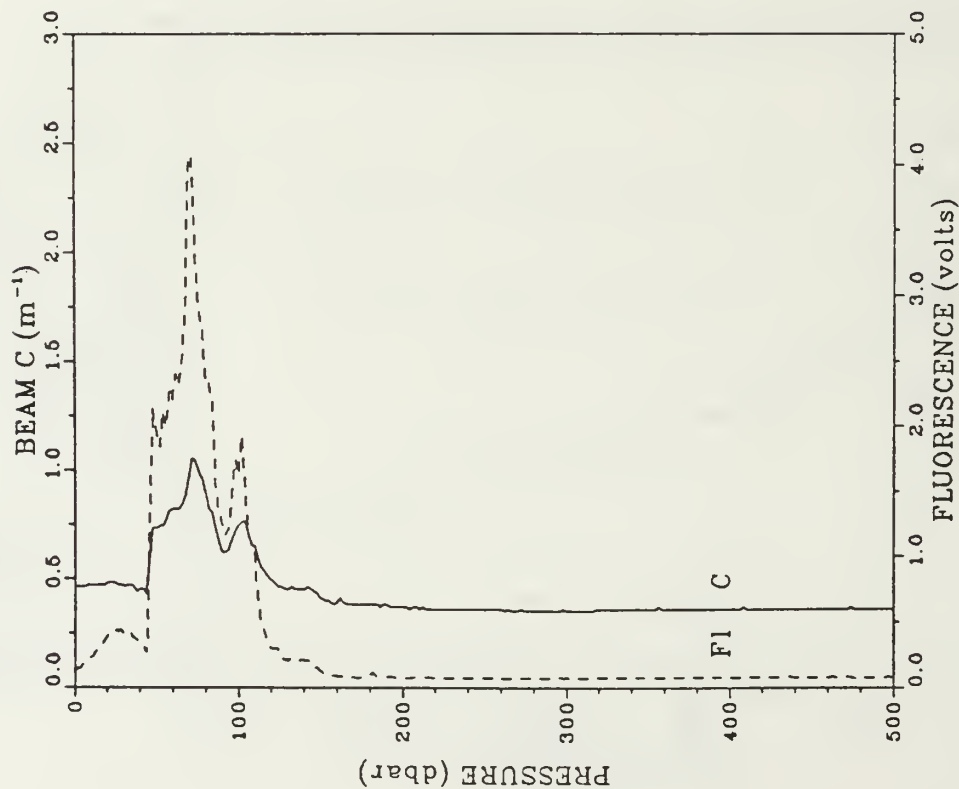
STATION: 219 LAT: 38 6.7 N LON: 123 55.0 W
 DATE: 7/14/88 TIME: 1600Z



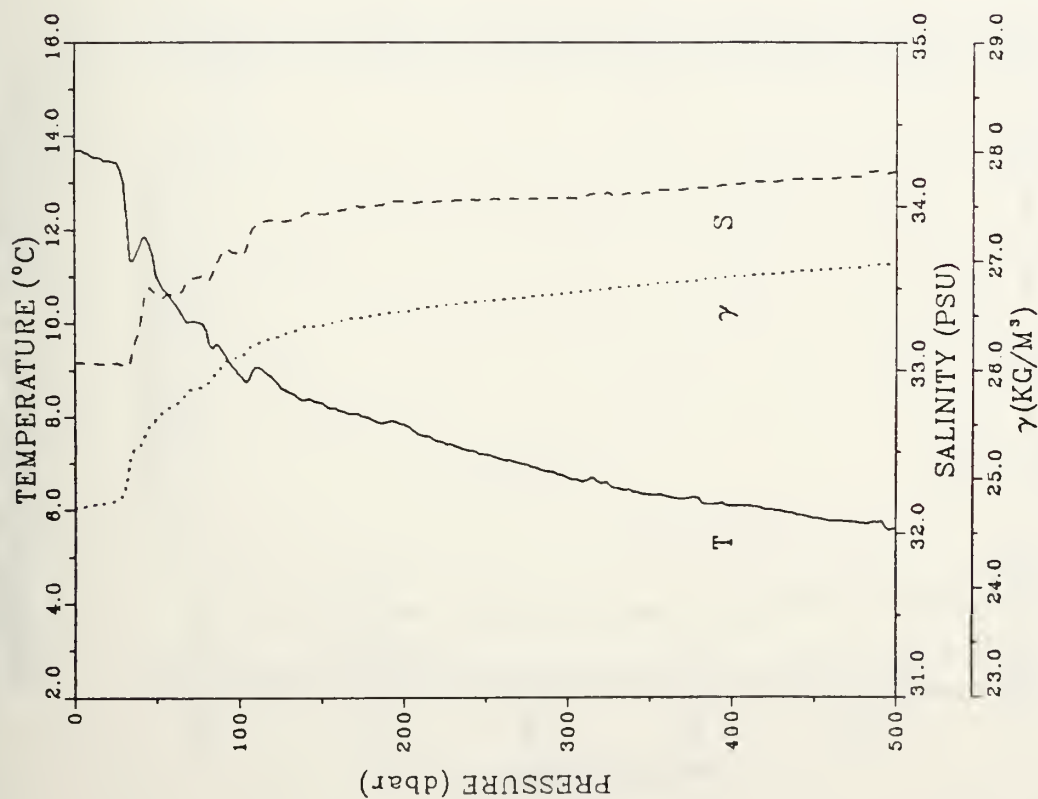
STATION: 220 LAT: 37 55.6 N LON: 123 49.5 W
DATE: 7/14/88 TIME: 1741Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	14.259	32.929	24.534	339.2	0.000
6	14.181	32.931	24.552	337.6	0.017
10	14.132	32.939	24.588	336.1	0.030
16	13.719	32.971	24.678	325.8	0.050
20	13.638	33.002	24.718	322.1	0.063
26	13.413	33.015	24.774	316.9	0.082
30	13.094	33.028	24.846	310.1	0.095
36	11.738	33.156	25.207	275.9	0.113
40	11.282	33.223	25.342	263.1	0.123
46	10.708	33.503	25.862	232.8	0.138
50	10.692	33.509	25.869	232.1	0.147
60	10.668	33.539	25.697	229.7	0.171
70	10.499	33.533	25.722	227.6	0.193
80	9.981	33.604	25.866	214.0	0.215
90	10.062	33.769	25.981	203.3	0.236
100	9.701	33.822	26.083	193.8	0.256
126	8.875	33.909	26.284	175.0	0.304
150	8.501	33.932	26.360	168.1	0.345
176	8.131	34.013	26.480	157.1	0.388
200	7.819	34.043	26.549	150.8	0.425
226	7.481	34.038	26.594	146.8	0.463
250	7.132	34.033	26.639	142.8	0.498
276	6.928	34.048	26.679	139.3	0.535
300	6.847	34.081	26.716	136.1	0.568
326	6.831	34.121	26.750	133.3	0.603
350	6.727	34.148	26.785	130.2	0.634
376	6.549	34.167	26.824	126.8	0.668
400	6.395	34.174	26.849	124.5	0.698
426	6.220	34.190	26.885	121.4	0.730
450	6.157	34.199	26.900	120.2	0.759
476	5.992	34.210	26.930	117.6	0.790
500	5.831	34.219	26.957	115.1	0.818

PRESS	TRANS	FLUOR
1	0.46	0.131
6	0.46	0.183
10	0.47	0.228
16	0.47	0.306
20	0.48	0.386
28	0.47	0.428
30	0.46	0.406
36	0.46	0.378
40	0.45	0.348
48	0.59	1.337
50	0.73	1.994
60	0.82	2.202
70	0.96	4.036
80	0.89	2.349
90	0.62	1.248
100	0.74	1.624
128	0.46	0.220
150	0.41	0.126
178	0.38	0.078
200	0.37	0.075
228	0.36	0.072
250	0.36	0.070
278	0.35	0.070
300	0.35	0.074
328	0.36	0.075
350	0.36	0.077
378	0.36	0.076
400	0.36	0.076
428	0.36	0.079
450	0.36	0.077
478	0.36	0.073
500	0.36	0.075



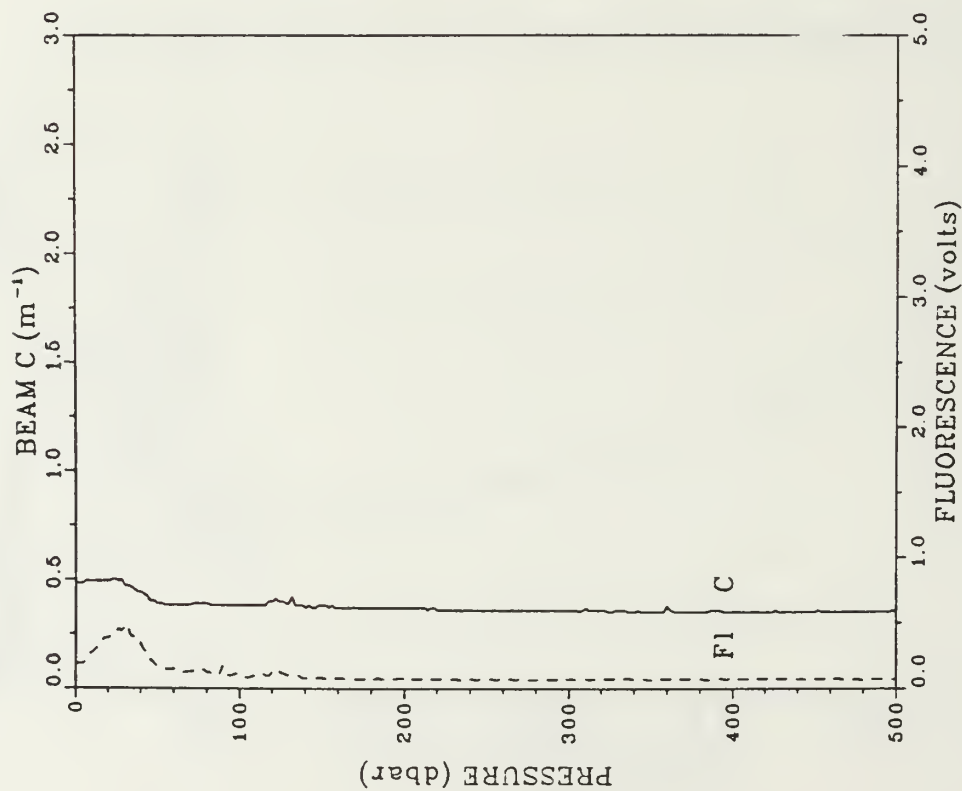
STATION: 220 LAT: 37 55.6 N LON: 123 49.5 W
 DATE: 7/14/88 TIME: 1741Z



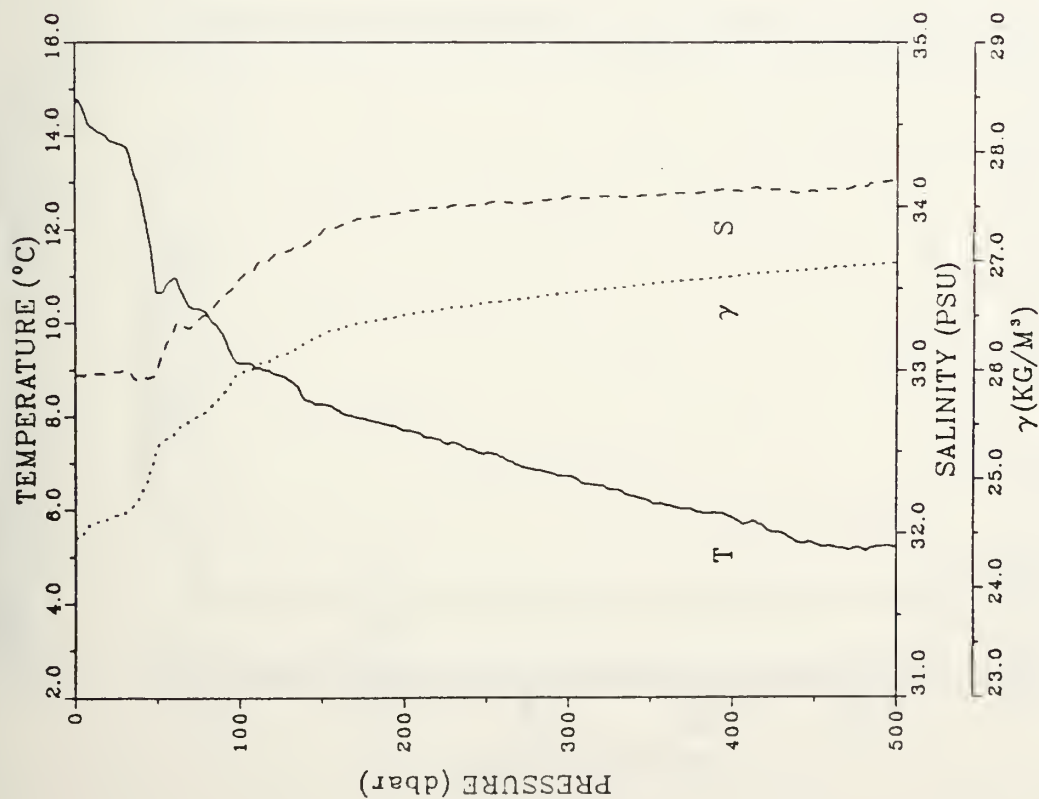
STATION: 221 LAT: 37 43.8 N LON: 123 38.3 W
DATE: 7/14/88 TIME: 1941Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	13.698	33.048	24.740	319.5	0.000
6	13.640	33.044	24.750	318.7	0.019
10	13.576	33.040	24.760	317.8	0.032
18	13.522	33.037	24.769	317.2	0.051
20	13.484	33.036	24.780	316.2	0.064
26	13.420	33.042	24.793	315.1	0.083
30	12.969	33.032	24.871	307.7	0.095
36	11.352	33.144	25.268	270.1	0.112
40	11.659	33.266	25.307	266.5	0.123
46	11.665	33.507	25.493	248.9	0.139
50	11.042	33.459	25.569	241.7	0.148
60	10.477	33.459	25.668	232.5	0.172
70	10.041	33.555	25.817	218.4	0.195
80	9.852	33.573	25.863	214.3	0.216
90	9.404	33.731	26.060	195.7	0.237
100	8.900	33.708	26.123	189.8	0.256
126	8.601	33.907	26.325	171.0	0.303
150	8.307	33.954	26.407	163.8	0.343
176	7.990	33.997	26.488	158.3	0.385
200	7.819	34.032	26.541	151.6	0.422
226	7.422	34.033	26.598	146.4	0.460
250	7.196	34.042	26.637	143.0	0.495
276	6.960	34.046	26.873	139.8	0.532
300	6.707	34.050	26.710	136.5	0.565
326	6.514	34.070	26.752	132.8	0.600
350	6.329	34.083	26.786	129.8	0.632
376	6.275	34.114	26.818	127.1	0.665
400	6.098	34.131	26.854	123.9	0.695
426	5.997	34.151	26.882	121.4	0.727
450	5.827	34.164	26.914	118.6	0.756
476	5.740	34.178	26.936	116.7	0.786
500	5.592	34.209	26.978	112.9	0.814

PRESS	TRANS	FLUOR
0	0.48	0.189
6	0.49	0.201
10	0.49	0.270
18	0.49	0.331
20	0.49	0.377
26	0.49	0.449
30	0.47	0.466
38	0.45	0.388
40	0.44	0.351
48	0.40	0.211
50	0.39	0.162
60	0.38	0.149
70	0.38	0.128
80	0.39	0.120
90	0.38	0.170
100	0.36	0.088
126	0.40	0.112
150	0.38	0.077
178	0.37	0.074
200	0.37	0.073
226	0.36	0.069
250	0.36	0.068
278	0.36	0.087
300	0.36	0.068
328	0.35	0.070
350	0.35	0.065
378	0.35	0.067
400	0.35	0.069
428	0.36	0.071
450	0.35	0.070
478	0.35	0.071
500	0.35	0.067



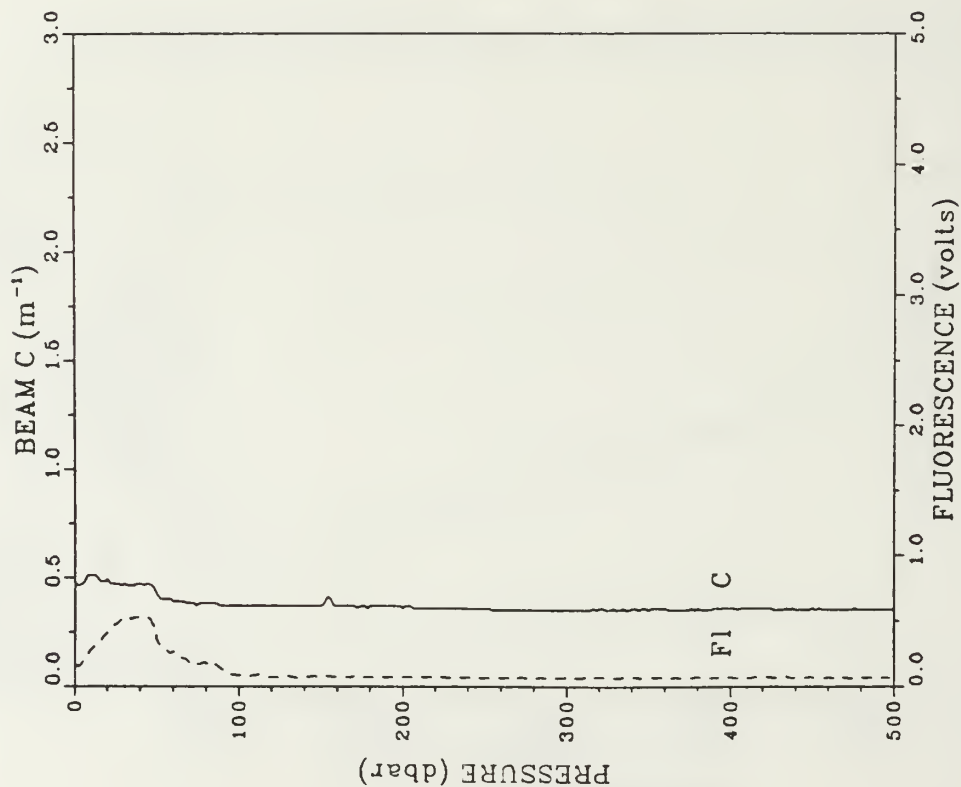
STATION: 221 LAT: 37 43.8 N LON: 123 38.3 W
 DATE: 7/14/88 TIME: 1941Z



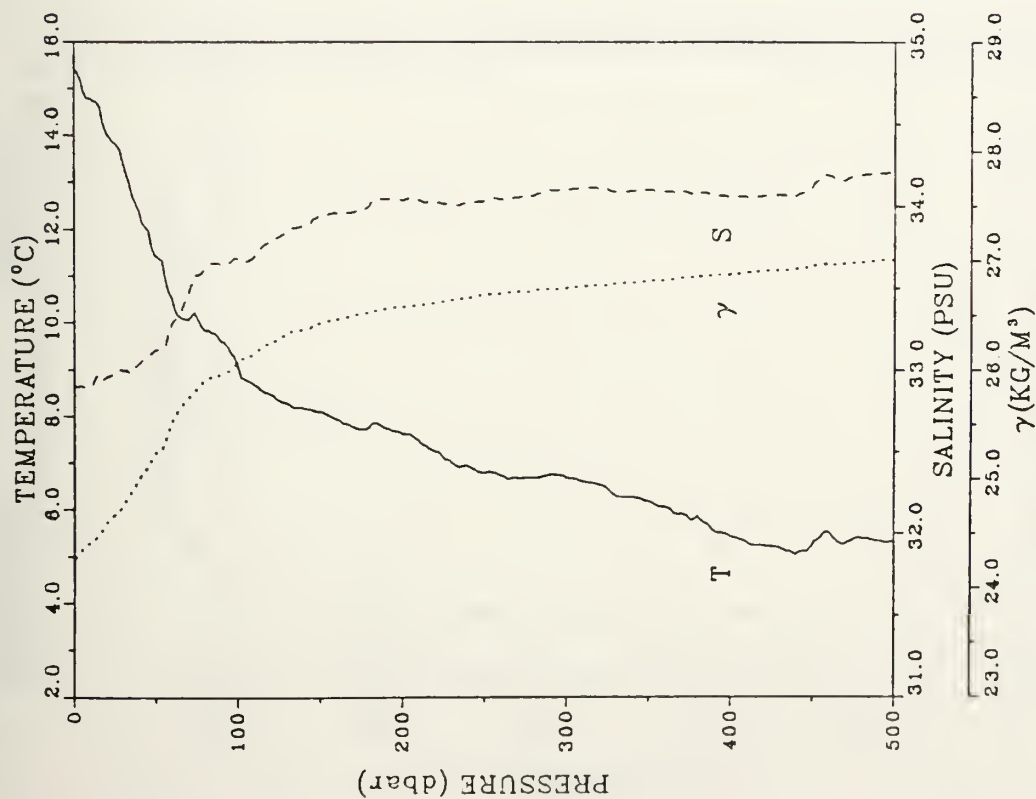
STATION: 222 LAT: 37 39.5 N LON: 124 5.4 W
 DATE: 7/14/88 TIME: 2223Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	14.705	32.970	24.471	345.1	0.000
6	14.478	32.970	24.520	340.7	0.017
10	14.194	32.982	24.588	334.2	0.031
18	14.057	32.977	24.613	332.0	0.051
20	13.978	32.978	24.631	330.5	0.084
28	13.836	32.987	24.666	327.2	0.084
30	13.784	33.002	24.889	325.2	0.097
38	13.213	32.949	24.783	318.2	0.118
40	12.783	32.951	24.849	310.1	0.129
46	11.634	32.957	25.071	289.0	0.146
50	10.655	32.991	25.272	269.9	0.158
60	10.968	33.229	25.403	257.7	0.184
70	10.356	33.252	25.527	246.0	0.209
80	10.232	33.340	25.817	237.7	0.233
90	9.786	33.458	25.784	221.9	0.256
100	9.152	33.549	25.958	205.5	0.278
126	8.880	33.715	26.131	189.5	0.329
150	8.272	33.841	26.323	171.5	0.372
178	7.958	33.928	28.438	181.0	0.418
200	7.709	33.968	26.506	154.8	0.454
226	7.416	33.993	26.568	149.3	0.493
250	7.241	34.018	26.612	145.4	0.528
276	6.893	34.022	26.683	140.7	0.568
300	6.744	34.060	26.713	136.3	0.599
328	6.456	34.062	28.753	132.7	0.634
350	6.202	34.068	26.791	129.2	0.665
378	6.004	34.084	28.829	125.8	0.898
400	5.831	34.097	26.860	123.0	0.728
428	5.522	34.101	26.901	119.2	0.760
450	5.273	34.093	26.925	117.0	0.788
476	5.203	34.125	26.958	114.0	0.818
500	5.187	34.154	26.983	111.9	0.845

PRESS	TRANS	FLUOR
1	0.47	0.161
6	0.48	0.196
10	0.51	0.279
18	0.48	0.346
20	0.49	0.410
26	0.47	0.479
30	0.47	0.520
36	0.46	0.524
40	0.47	0.522
48	0.46	0.508
50	0.43	0.367
60	0.39	0.266
70	0.38	0.181
80	0.38	0.176
90	0.37	0.127
100	0.37	0.082
128	0.37	0.068
150	0.37	0.072
176	0.37	0.069
200	0.36	0.070
228	0.36	0.067
250	0.36	0.067
276	0.35	0.066
300	0.35	0.068
328	0.35	0.065
350	0.35	0.066
376	0.36	0.065
400	0.36	0.069
428	0.35	0.067
450	0.36	0.066
476	0.36	0.066
500	0.35	0.066



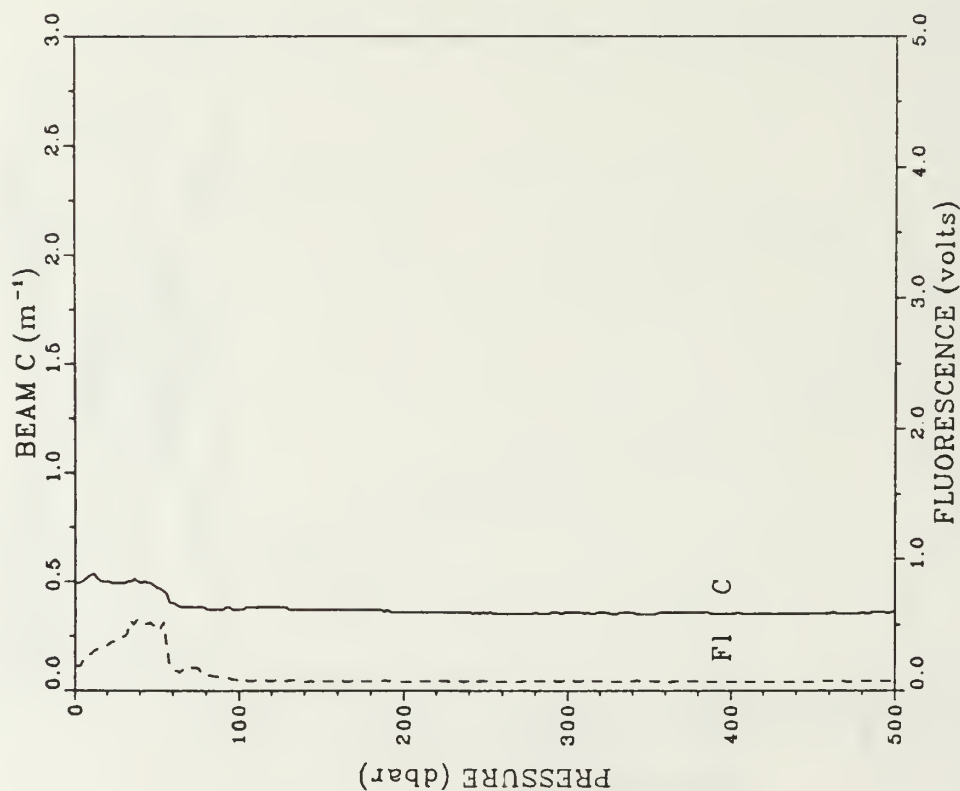
STATION: 222 LAT: 37 39.5 N LON: 124 5.4 W
 DATE: 7/14/88 TIME: 2223Z



STATION: 223 LAT: 37 51.0 N LON: 124 13.6 W
 DATE: 7/15/88
 TIME: 0011Z

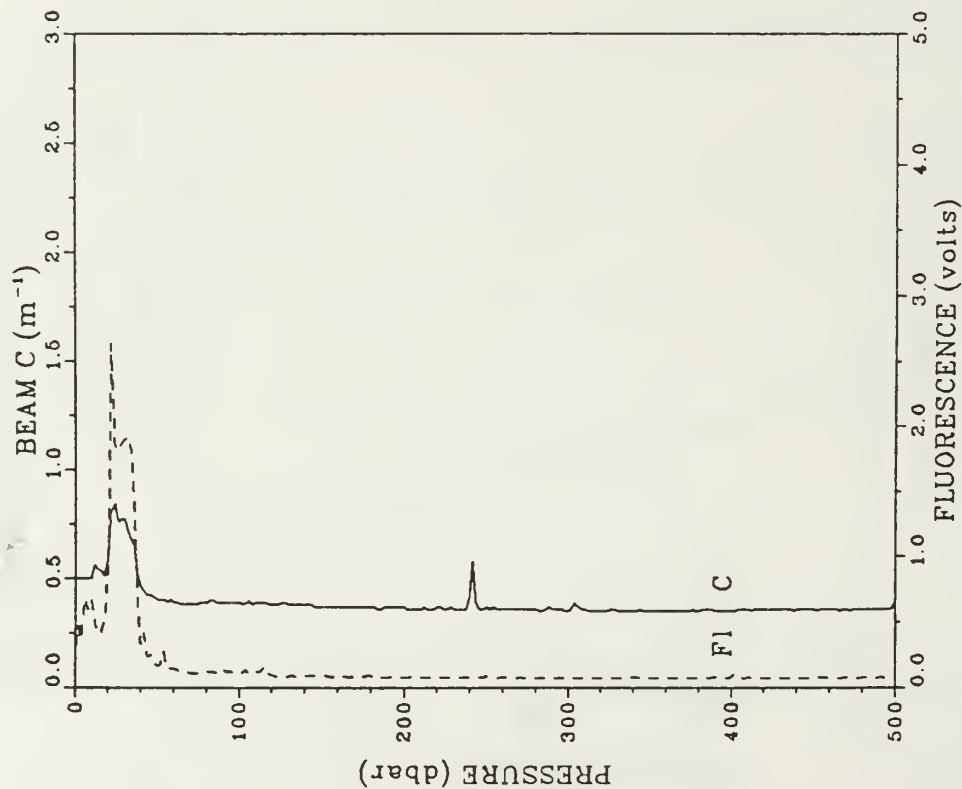
PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.381	32.897	24.289	364.4	0.000
8	14.907	32.888	24.365	355.4	0.018
10	14.782	32.899	24.400	352.2	0.032
16	14.612	32.974	24.494	343.3	0.053
20	14.062	32.955	24.595	333.8	0.067
26	13.800	32.990	24.678	326.3	0.086
30	13.437	32.995	24.754	319.0	0.099
36	12.680	33.000	24.907	304.5	0.118
40	12.394	33.036	24.990	296.6	0.130
46	11.985	33.081	25.108	285.7	0.147
50	11.428	33.120	25.235	273.4	0.159
60	10.525	33.283	25.522	246.3	0.185
70	10.051	33.450	25.734	228.4	0.208
80	9.833	33.621	25.904	210.4	0.230
90	9.599	33.644	25.960	205.2	0.251
100	9.133	33.675	26.060	195.8	0.271
126	8.312	33.823	26.303	173.0	0.319
150	8.094	33.938	26.426	181.7	0.358
176	7.728	33.974	26.508	154.3	0.400
200	7.622	34.034	26.571	148.7	0.436
226	7.078	34.012	26.630	143.2	0.474
250	6.792	34.036	26.688	138.0	0.508
278	6.699	34.080	26.719	135.3	0.544
300	6.702	34.099	26.750	132.8	0.576
326	6.419	34.091	26.781	130.0	0.610
350	6.171	34.094	26.815	126.9	0.641
376	5.784	34.074	26.848	123.8	0.673
400	5.420	34.054	26.876	121.1	0.703
426	5.204	34.066	26.911	117.9	0.734
450	5.228	34.115	26.947	114.8	0.762
476	5.393	34.187	26.985	111.7	0.791
500	5.321	34.204	27.007	109.9	0.818

PRESS	TRANS	FLUOR
1	0.49	0.187
6	0.51	0.240
10	0.53	0.280
16	0.50	0.330
20	0.50	0.341
26	0.49	0.376
30	0.49	0.417
36	0.51	0.489
40	0.49	0.514
46	0.49	0.515
50	0.47	0.499
60	0.40	0.173
70	0.38	0.183
80	0.37	0.118
90	0.37	0.103
100	0.37	0.079
126	0.38	0.072
150	0.37	0.071
176	0.37	0.070
200	0.36	0.066
226	0.36	0.068
250	0.35	0.070
276	0.35	0.069
300	0.36	0.068
326	0.35	0.070
350	0.35	0.069
376	0.36	0.069
400	0.35	0.063
426	0.35	0.065
450	0.35	0.064
476	0.35	0.070
500	0.36	0.068

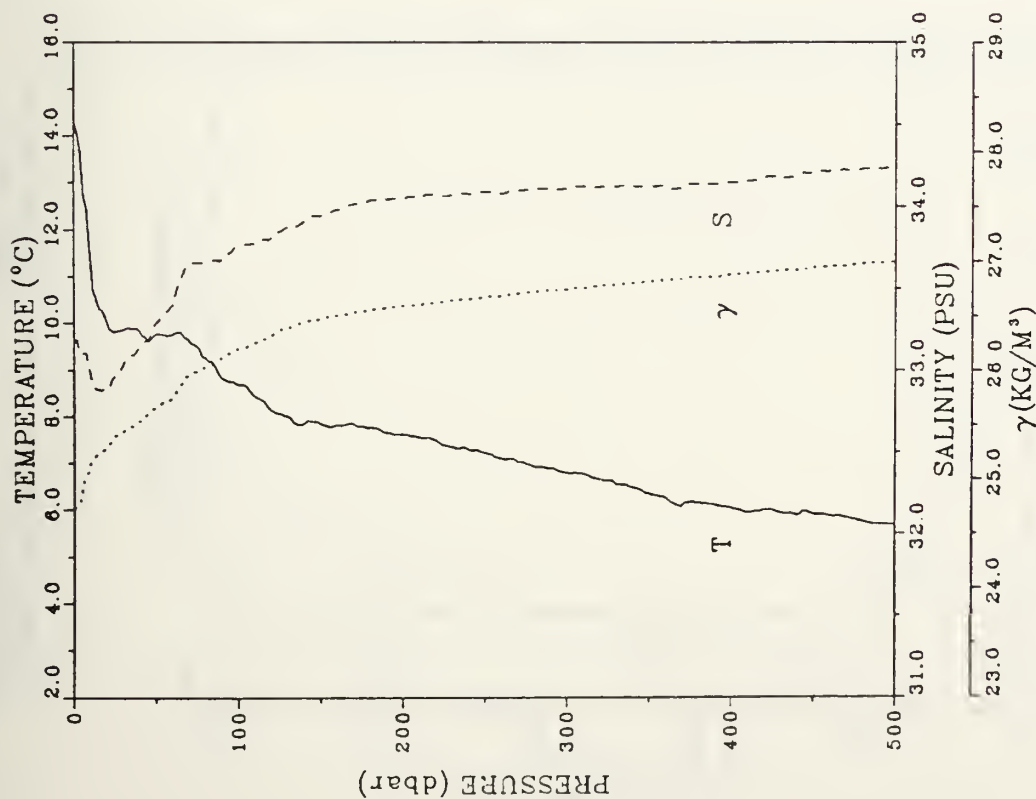


STATION: 223 LAT: 37 51.0 N LON: 124 13.6 W
 DATE: 7/15/88 TIME: 0011Z

PRESS	TRANS	FLUOR
1	0.50	0.319
6	0.50	0.672
10	0.50	0.668
16	0.53	0.419
20	0.58	0.874
26	0.76	1.608
30	0.77	1.894
36	0.65	1.368
40	0.46	0.327
46	0.42	0.251
50	0.40	0.161
60	0.39	0.140
70	0.38	0.110
80	0.39	0.116
90	0.39	0.141
100	0.39	0.102
126	0.39	0.089
150	0.37	0.081
176	0.37	0.082
200	0.37	0.076
226	0.36	0.074
250	0.37	0.087
276	0.36	0.072
300	0.35	0.070
326	0.36	0.070
350	0.35	0.071
376	0.36	0.070
400	0.35	0.074
426	0.36	0.071
450	0.36	0.073
476	0.36	0.072
500	0.39	0.074



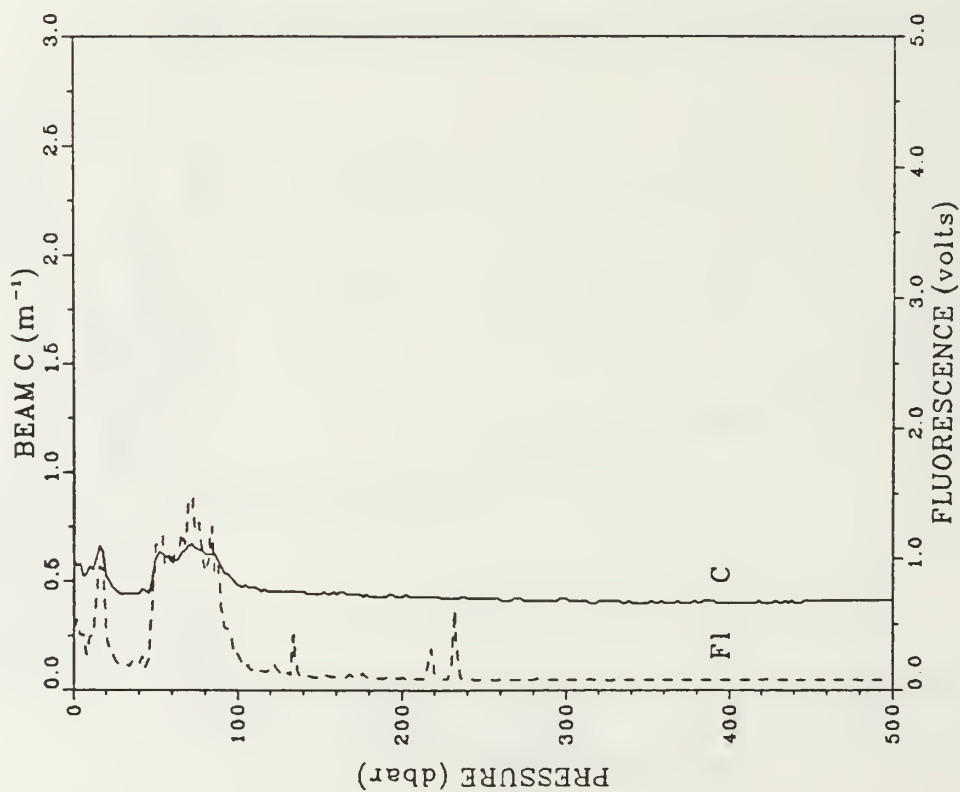
STATION: 224 LAT: 38 2.9 N LON: 124 22.1 W
 DATE: 7/15/88 TIME: 0200Z



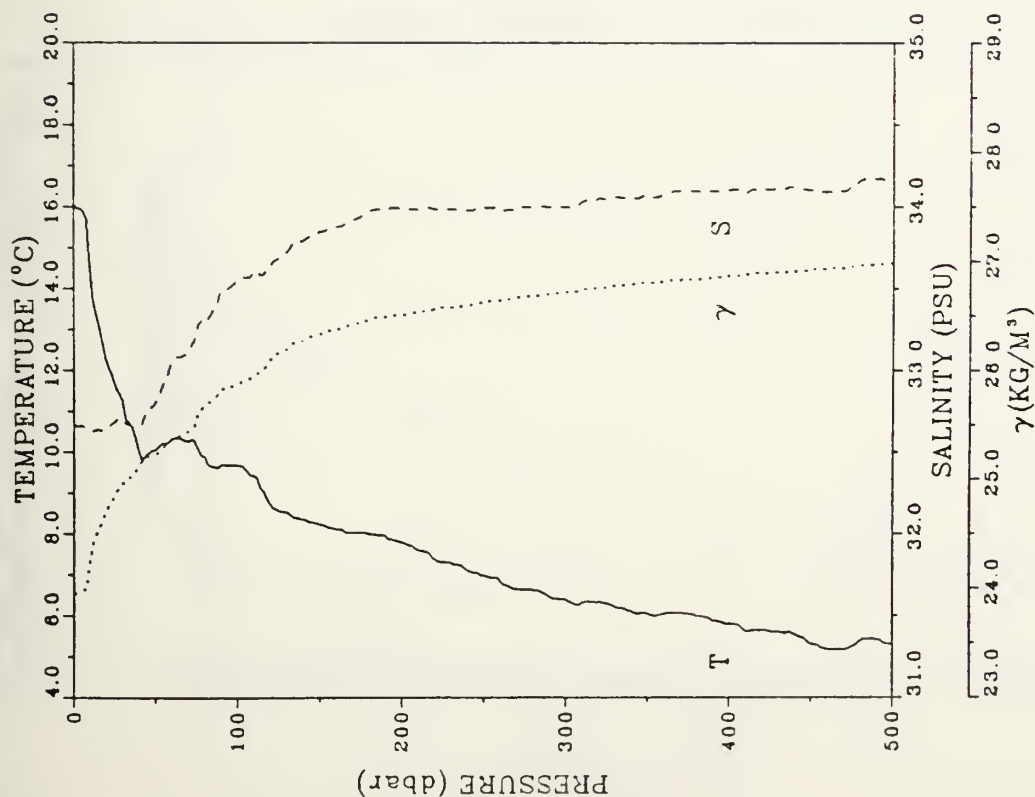
STATION: 225 LAT: 38 14.8 N LON: 124 30.8 W
 DATE: 7/15/88 TIME: 0406Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	14.255	33.175	24.725	321.0	0.000
6	12.742	33.102	24.974	297.4	0.015
10	11.524	32.993	25.119	283.6	0.027
18	10.293	32.874	25.243	271.9	0.044
20	10.088	32.874	25.282	268.4	0.055
26	9.639	32.981	25.403	256.9	0.070
30	9.673	33.029	25.435	254.0	0.081
36	9.890	33.093	25.482	249.6	0.096
40	9.834	33.136	25.526	245.5	0.106
46	9.587	33.186	25.606	238.0	0.120
50	9.767	33.283	25.651	233.6	0.129
60	9.757	33.396	25.740	225.5	0.152
70	9.639	33.640	25.951	205.7	0.174
80	9.244	33.657	26.028	196.5	0.194
90	8.821	33.677	26.111	190.8	0.214
100	8.688	33.755	26.192	183.2	0.232
126	8.042	33.852	26.366	167.0	0.276
150	7.842	33.940	26.465	158.0	0.317
176	7.793	34.025	26.539	151.4	0.357
200	7.613	34.048	26.583	147.5	0.393
226	7.378	34.064	26.629	143.5	0.431
250	7.228	34.085	26.667	140.2	0.465
276	6.994	34.103	26.713	136.1	0.501
300	6.797	34.106	26.742	133.5	0.533
328	6.636	34.122	26.776	130.6	0.567
350	6.351	34.121	26.813	127.2	0.596
376	6.178	34.136	26.848	124.2	0.631
400	6.057	34.145	26.870	122.3	0.661
428	5.987	34.177	26.904	119.3	0.692
450	5.902	34.203	26.935	116.6	0.720
476	5.793	34.224	26.966	114.0	0.750
500	5.667	34.235	26.990	111.9	0.777

PRESS	TRANS	FLUOR
1	0.59	0.462
6	0.52	0.422
10	0.57	0.408
16	0.66	0.946
20	0.52	0.416
26	0.45	0.213
30	0.44	0.169
36	0.44	0.223
40	0.44	0.195
46	0.44	0.229
50	0.59	1.104
60	0.60	0.933
70	0.66	1.426
80	0.62	0.897
90	0.56	0.619
100	0.48	0.276
126	0.45	0.129
150	0.44	0.090
176	0.43	0.133
200	0.43	0.096
226	0.42	0.061
250	0.42	0.062
276	0.41	0.077
300	0.42	0.079
326	0.41	0.073
350	0.40	0.077
376	0.40	0.076
400	0.40	0.075
426	0.40	0.076
450	0.41	0.074
476	0.41	0.076
500	0.41	0.075

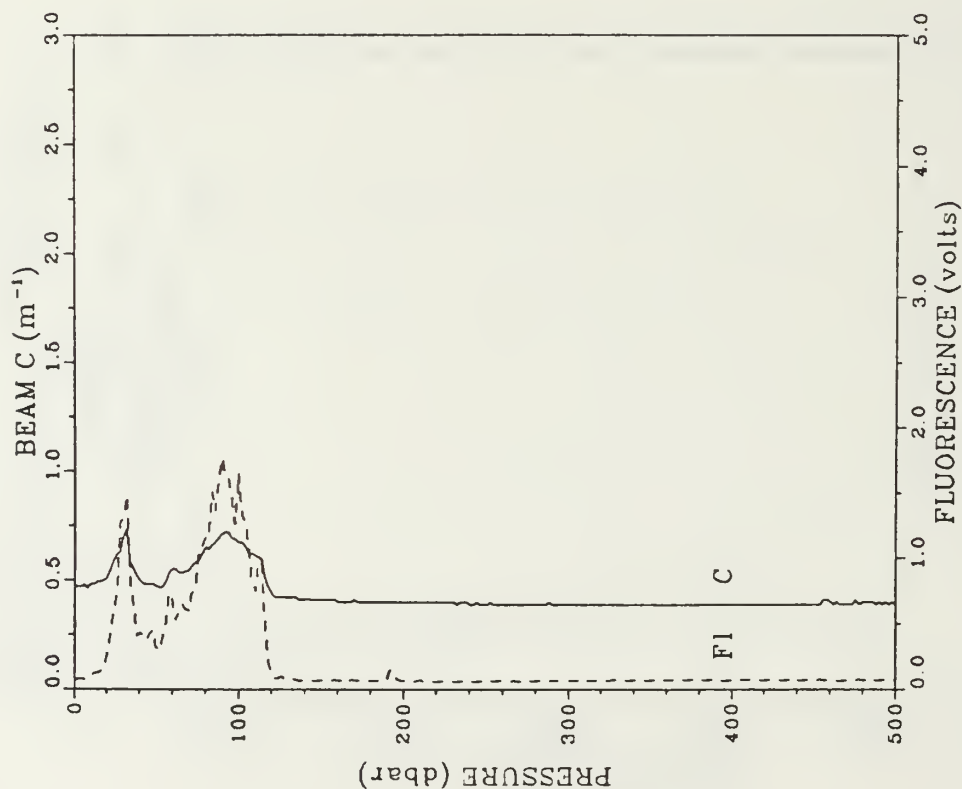


STATION: 225 LAT: 38 14.8 N LON: 124 30.8 W
 DATE: 7/15/88 TIME: 0406Z



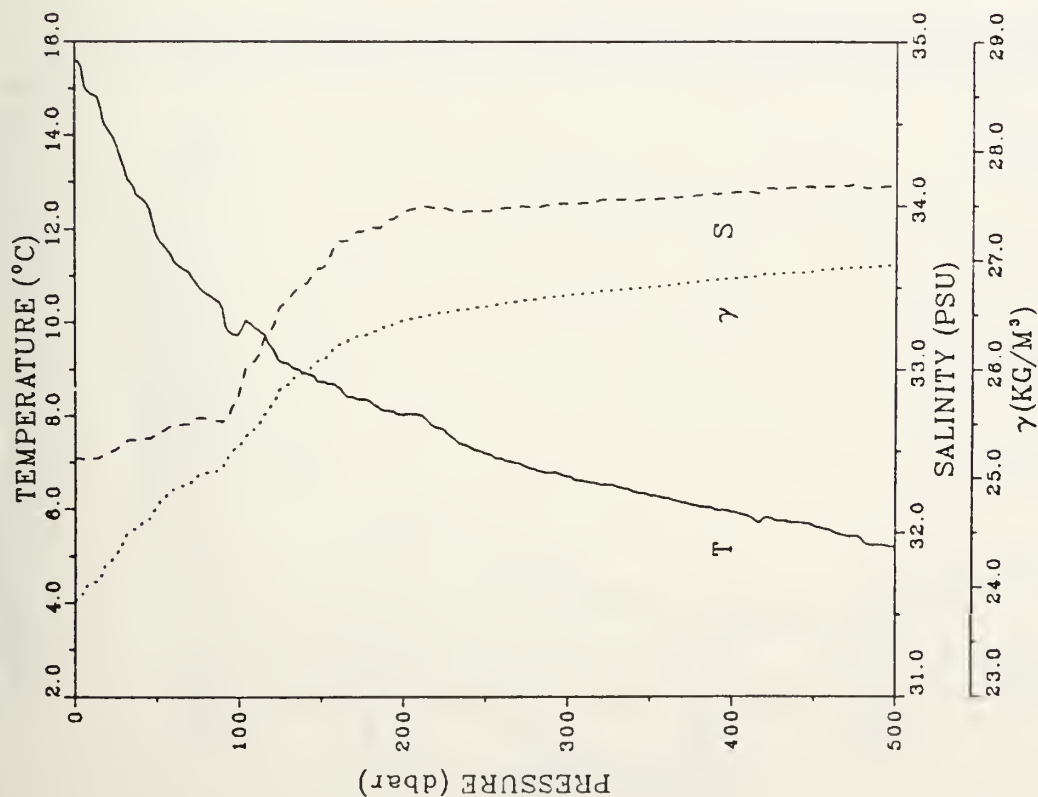
STATION: 226 LAT: 38 26.1 N LONG: 124 38.9 W
 DATE: 7/15/88 TIME: 0606Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	16.015	32.658	23.944	395.4	0.000
6	15.878	32.654	23.972	392.8	0.020
10	14.617	32.635	24.232	388.2	0.035
16	13.041	32.629	24.549	336.1	0.056
20	12.294	32.635	24.698	324.0	0.069
28	11.562	32.694	24.880	306.8	0.088
30	11.248	32.697	24.939	301.2	0.100
36	10.591	32.658	25.022	293.3	0.118
40	10.026	32.656	25.120	284.1	0.130
46	9.980	32.756	25.205	276.1	0.147
50	10.029	32.792	25.224	274.4	0.156
60	10.322	33.042	25.369	260.8	0.184
70	10.254	33.111	25.435	254.8	0.210
80	9.866	33.331	25.672	232.4	0.235
90	9.678	33.485	25.623	218.2	0.257
100	9.650	33.549	25.878	213.2	0.279
126	8.549	33.891	26.164	186.3	0.331
150	8.233	33.844	26.332	170.7	0.373
176	6.021	33.943	26.441	160.7	0.417
200	7.805	33.986	26.508	154.7	0.454
226	7.310	33.984	26.576	148.5	0.494
250	6.968	33.992	26.629	143.6	0.529
276	6.634	33.997	26.678	139.1	0.566
300	6.380	34.000	26.714	135.9	0.599
326	6.290	34.052	26.767	131.2	0.633
350	6.042	34.061	26.806	127.7	0.664
376	6.039	34.096	26.834	125.4	0.697
400	5.786	34.103	26.871	122.0	0.727
426	5.597	34.107	26.897	119.6	0.756
450	5.296	34.099	26.926	116.6	0.787
476	5.237	34.120	26.950	114.6	0.817
500	5.293	34.169	26.963	112.1	0.844



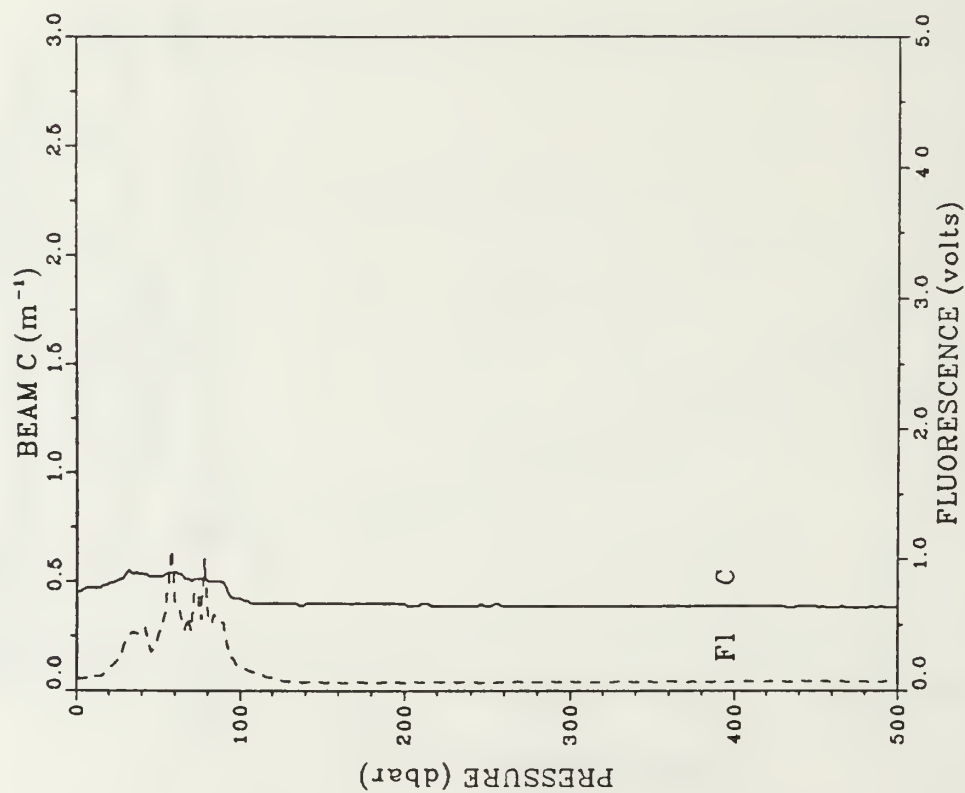
PRESS	TRANS	FLUOR
1	0.47	0.067
6	0.48	0.072
10	0.48	0.098
16	0.49	0.130
20	0.61	0.237
26	0.62	0.718
30	0.70	1.318
36	0.55	0.654
40	0.50	0.429
46	0.48	0.416
50	0.47	0.321
60	0.55	0.670
70	0.54	0.598
80	0.65	1.153
90	0.71	1.764
100	0.67	1.644
126	0.42	0.093
150	0.41	0.066
176	0.40	0.066
200	0.40	0.083
226	0.40	0.060
250	0.39	0.063
276	0.39	0.062
300	0.39	0.062
326	0.39	0.068
350	0.39	0.071
376	0.39	0.071
400	0.39	0.069
426	0.39	0.069
450	0.39	0.066
476	0.41	0.068
500	0.39	0.070

STATION: 226 LAT: 38 26.1 N LON: 124 38.9 W
 DATE: 7/15/88 TIME: 0606Z

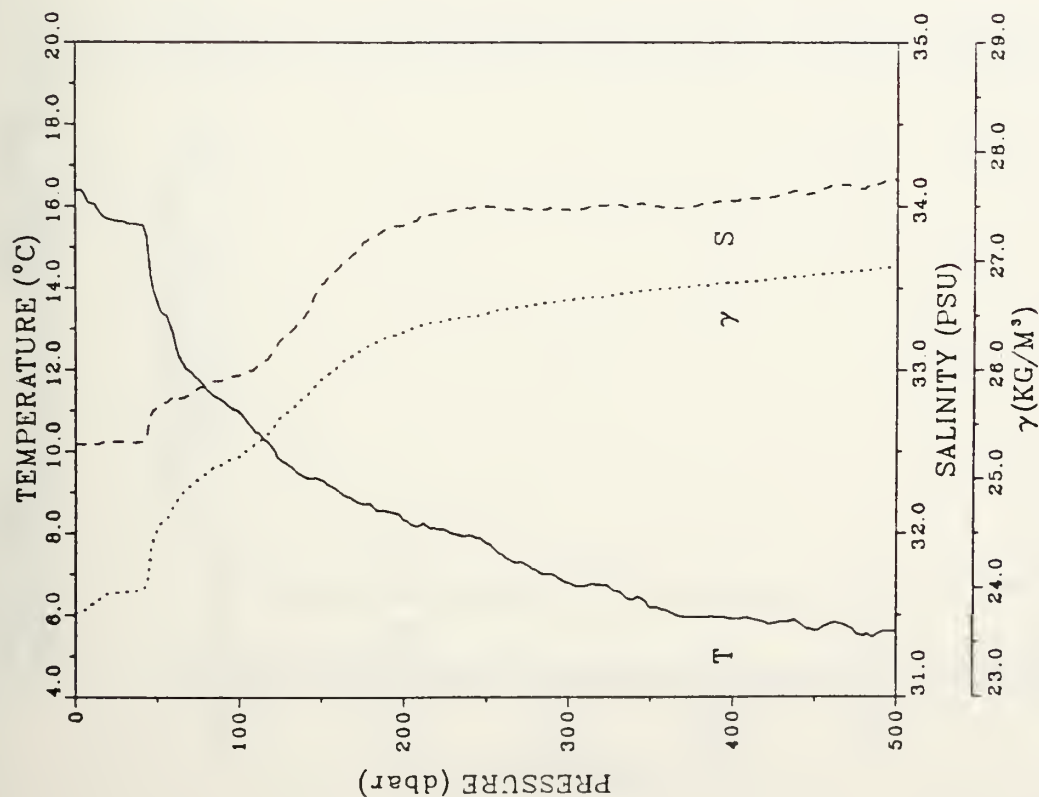


STATION: 227 LAT: 38 38.0 N LON: 124 47.0 W
DATE: 7/15/88 TIME: 0830Z

PRESS	TRANS	FLUOR
0	0.45	0.091
6	0.47	0.093
10	0.47	0.105
16	0.48	0.111
20	0.49	0.169
26	0.51	0.240
30	0.53	0.367
36	0.54	0.432
40	0.53	0.428
46	0.52	0.292
50	0.52	0.407
60	0.54	0.671
70	0.50	0.453
80	0.50	0.602
90	0.49	0.510
100	0.42	0.191
126	0.40	0.073
150	0.40	0.060
176	0.40	0.060
200	0.40	0.058
226	0.39	0.061
250	0.39	0.061
276	0.39	0.063
300	0.39	0.068
326	0.39	0.066
350	0.39	0.066
376	0.39	0.067
400	0.39	0.068
426	0.39	0.070
450	0.39	0.071
476	0.36	0.069
500	0.36	0.069

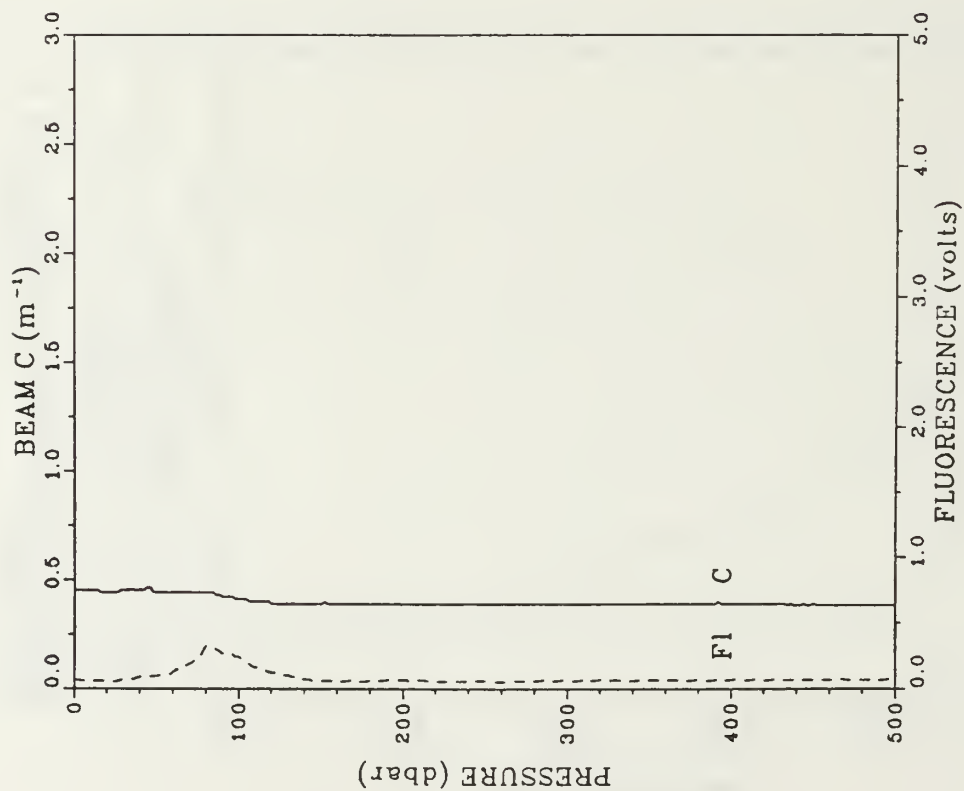


STATION: 227 LAT: 38 38.0 N LON: 124 47.0 W
 DATE: 7/15/88 TIME: 0830Z



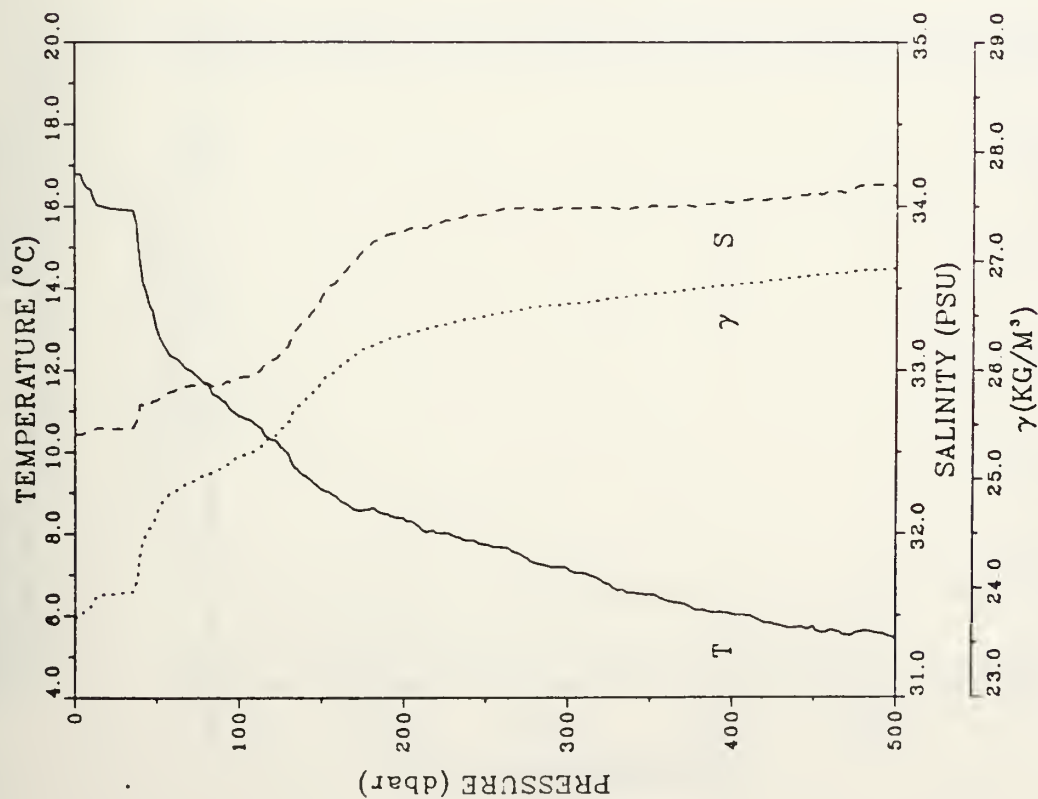
STATION: 228 LAT: 38 49.1 N LON: 124 56.1 W
DATE: 7/15/88 TIME: 1018Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	16.392	32.543	23.771	411.9	0.000
6	16.270	32.541	23.797	409.6	0.025
10	18.058	32.542	23.846	405.1	0.041
16	15.790	32.554	23.915	398.6	0.065
20	15.876	32.557	23.942	396.1	0.081
26	15.629	32.558	23.954	395.2	0.105
30	15.598	32.556	23.959	394.8	0.120
38	15.559	32.554	23.966	394.3	0.144
40	15.539	32.557	23.973	393.7	0.160
46	14.266	32.723	24.373	355.6	0.182
50	13.667	32.771	24.534	340.4	0.196
60	12.847	32.833	24.745	320.4	0.229
70	11.944	32.846	24.928	303.2	0.281
80	11.528	32.905	25.050	291.7	0.290
90	11.218	32.937	25.131	284.2	0.319
100	10.948	32.985	25.201	277.7	0.347
126	9.750	33.167	25.578	242.1	0.415
150	9.297	33.521	25.913	210.7	0.469
176	8.722	33.782	26.208	183.0	0.520
200	8.323	33.686	26.351	169.8	0.563
226	8.067	33.971	26.456	160.2	0.605
250	7.776	33.996	26.519	154.5	0.643
278	7.182	33.981	26.591	147.7	0.683
300	6.799	33.978	26.640	143.2	0.717
326	6.655	34.005	26.662	139.5	0.754
350	6.198	33.993	26.733	134.6	0.787
378	5.954	33.999	26.768	131.5	0.822
400	5.910	34.034	26.801	128.7	0.853
426	5.824	34.061	26.833	125.9	0.886
450	5.818	34.078	26.870	122.5	0.916
476	5.512	34.107	28.907	119.2	0.947
500	5.591	34.105	28.944	116.1	0.975



PRESS	TRANS	FLUOR
0	0.45	0.063
6	0.45	0.058
10	0.45	0.057
16	0.44	0.056
20	0.44	0.054
26	0.44	0.059
30	0.45	0.063
36	0.45	0.070
40	0.45	0.090
46	0.46	0.090
50	0.44	0.086
60	0.44	0.125
70	0.44	0.190
80	0.44	0.322
90	0.42	0.269
100	0.41	0.244
126	0.39	0.110
150	0.39	0.060
176	0.39	0.055
200	0.39	0.063
226	0.39	0.057
250	0.39	0.060
276	0.39	0.059
300	0.39	0.060
326	0.39	0.064
350	0.39	0.064
376	0.39	0.061
400	0.39	0.064
426	0.39	0.065
450	0.39	0.064
476	0.38	0.066
500	0.38	0.069

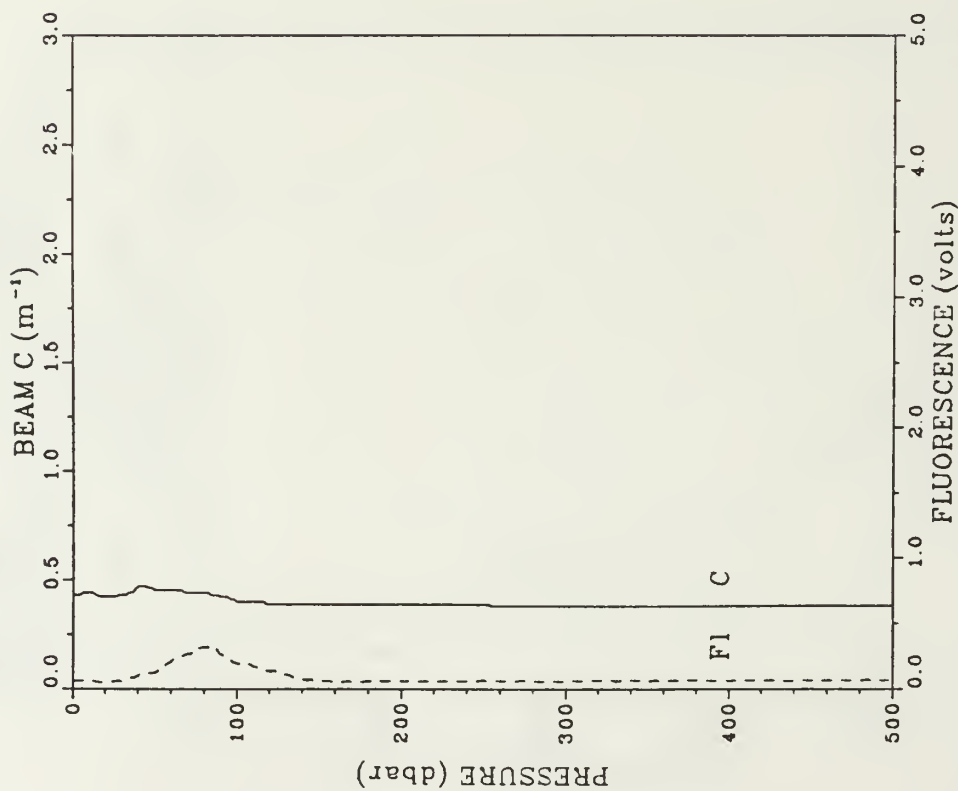
STATION: 228 LAT: 38 49.1 N LON: 124 56.1 W
 DATE: 7/15/88 TIME: 1018Z



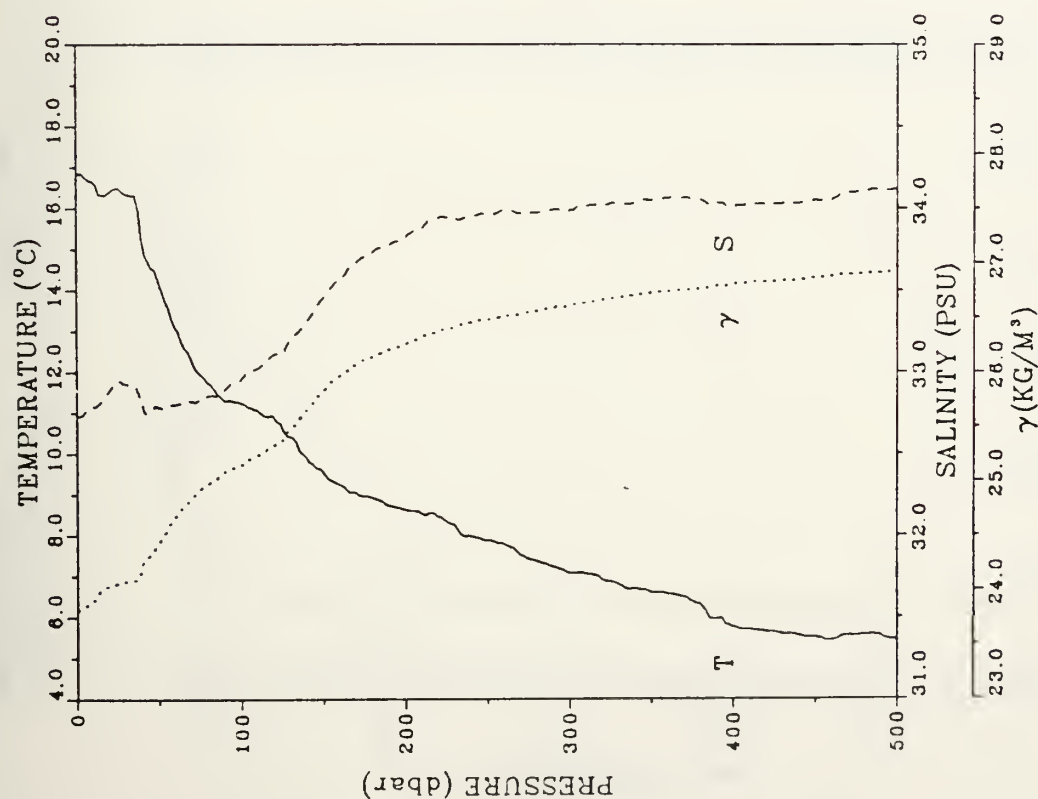
STATION: 233 LAT: 38 45.8 N LON: 125 22.8 W
 DATE: 7/15/88 TIME: 1248Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	16.778	32.606	23.731	415.8	0.000
6	16.545	32.616	23.792	410.1	0.021
10	16.410	32.623	23.828	406.7	0.037
16	15.994	32.644	23.938	396.4	0.061
20	15.947	32.640	23.946	395.8	0.077
26	15.922	32.639	23.951	395.5	0.101
30	15.908	32.640	23.955	395.2	0.116
36	15.881	32.648	23.967	394.2	0.140
40	14.671	32.787	24.338	358.9	0.155
46	13.572	32.784	24.563	337.5	0.176
50	13.053	32.814	24.690	325.5	0.189
60	12.308	32.872	24.879	307.6	0.221
70	11.991	32.903	24.963	299.8	0.251
80	11.679	32.918	25.033	293.4	0.281
90	11.252	32.907	25.102	287.0	0.310
100	10.882	32.955	25.205	277.3	0.338
126	10.097	33.109	25.460	253.5	0.407
150	9.061	33.430	25.880	213.8	0.463
176	8.573	33.731	26.191	184.6	0.515
200	8.354	33.847	26.316	173.1	0.558
226	8.015	33.913	26.418	163.7	0.602
250	7.730	33.948	26.487	157.4	0.640
276	7.397	33.987	26.566	150.2	0.680
300	7.139	33.993	26.607	146.6	0.716
328	6.751	33.992	26.669	141.8	0.753
350	6.528	34.001	26.695	138.5	0.787
376	6.158	33.998	26.741	134.2	0.823
400	6.031	34.024	26.778	131.0	0.854
426	5.780	34.046	26.826	126.5	0.888
450	5.727	34.085	26.864	123.2	0.918
476	5.577	34.117	26.907	119.2	0.949
500	5.418	34.127	26.934	116.8	0.978

PRESS	TRANS	FLUOR
1	0.43	0.058
6	0.44	0.060
10	0.44	0.058
18	0.42	0.048
20	0.42	0.051
28	0.42	0.056
30	0.43	0.061
38	0.44	0.081
40	0.47	0.100
48	0.46	0.117
50	0.45	0.122
60	0.45	0.208
70	0.44	0.284
80	0.44	0.313
90	0.42	0.283
100	0.40	0.198
128	0.39	0.118
150	0.39	0.060
178	0.39	0.055
200	0.39	0.058
226	0.39	0.057
250	0.39	0.082
278	0.38	0.060
300	0.38	0.082
328	0.38	0.083
350	0.38	0.061
378	0.36	0.062
400	0.38	0.061
428	0.38	0.063
450	0.38	0.066
478	0.38	0.067
500	0.38	0.068



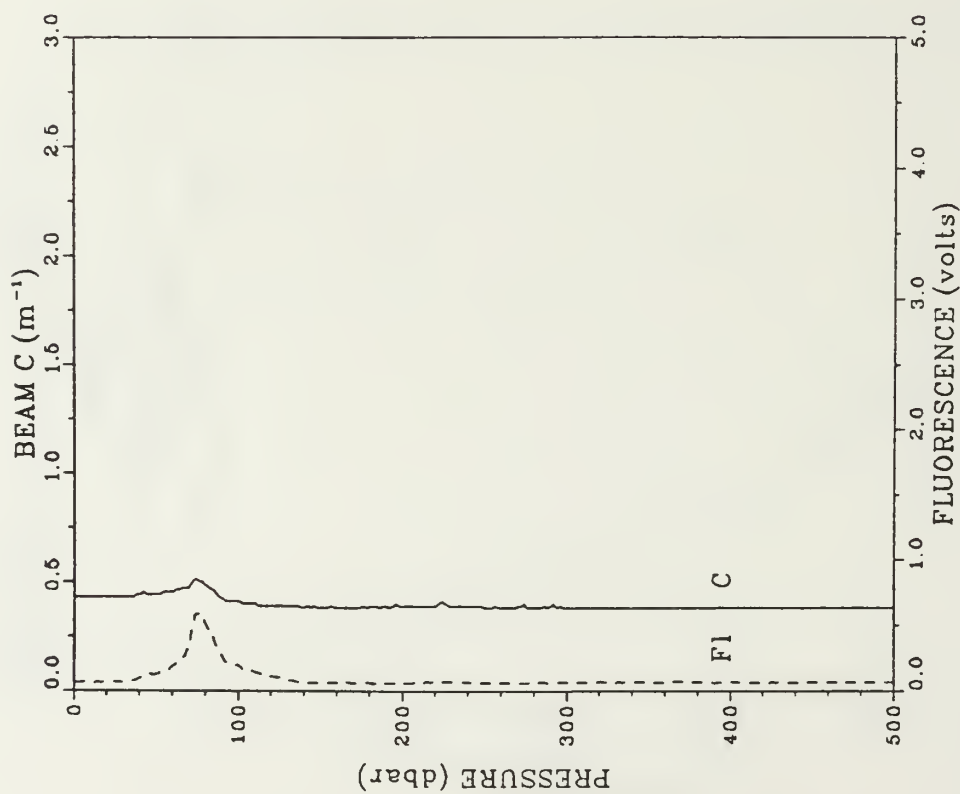
STATION: 233 LAT: 38 45.8 N LON: 125 22.8 W
 DATE: 7/15/88 TIME: 1248Z

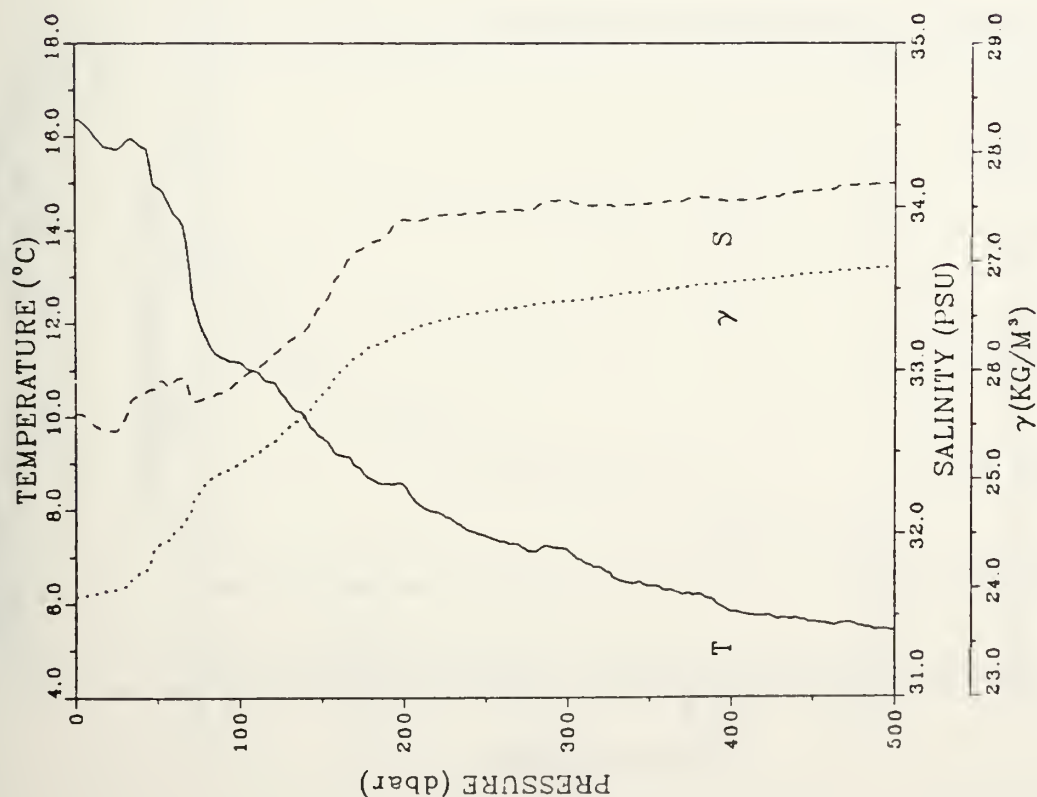


STATION: 234 LAT: 38 34.2 N LON: 125 14.3 W
DATE: 7/15/88 TIME: 1430Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	16.831	32.729	23.812	408.0	0.000
6	16.715	32.759	23.862	403.4	0.020
10	16.643	32.787	23.900	399.8	0.036
16	16.303	32.827	24.009	389.6	0.060
20	16.381	32.882	24.033	387.4	0.076
26	16.474	32.947	24.062	384.9	0.099
30	16.330	32.924	24.077	383.5	0.114
36	16.295	32.920	24.062	383.2	0.137
40	15.233	32.808	24.233	368.9	0.152
46	14.530	32.762	24.348	358.0	0.174
50	14.248	32.781	24.422	351.1	0.188
60	13.083	32.804	24.676	327.0	0.222
70	12.310	32.821	24.839	311.6	0.254
80	11.725	32.855	24.975	298.9	0.285
90	11.295	32.890	25.081	289.0	0.314
100	11.232	32.949	25.138	283.8	0.343
126	10.560	33.119	25.389	260.3	0.413
150	9.555	33.450	25.816	220.0	0.471
176	8.947	33.706	26.114	192.1	0.524
200	8.620	33.809	26.245	179.9	0.569
226	8.306	33.942	26.397	165.8	0.614
250	7.866	33.966	26.482	158.0	0.653
276	7.411	33.971	26.551	151.6	0.693
300	7.080	33.986	26.609	146.3	0.728
326	6.859	34.030	26.674	140.4	0.766
350	6.590	34.048	26.724	135.8	0.799
376	6.357	34.054	26.760	132.6	0.834
400	5.757	34.011	26.802	128.5	0.866
426	5.612	34.028	26.633	125.7	0.899
450	5.507	34.051	26.864	123.0	0.928
476	5.547	34.099	26.897	120.2	0.960
500	5.437	34.121	26.927	117.5	0.989

PRESS	TRANS	FLUOR
1	0.43	0.064
6	0.43	0.064
10	0.43	0.058
16	0.43	0.061
20	0.43	0.065
26	0.43	0.063
30	0.43	0.066
36	0.43	0.074
40	0.44	0.095
46	0.44	0.125
50	0.44	0.127
60	0.45	0.169
70	0.47	0.345
80	0.48	0.505
90	0.42	0.266
100	0.41	0.199
126	0.39	0.101
150	0.38	0.057
176	0.39	0.062
200	0.39	0.059
226	0.40	0.069
250	0.36	0.081
276	0.36	0.081
300	0.38	0.067
326	0.38	0.068
350	0.36	0.065
376	0.36	0.068
400	0.36	0.063
426	0.36	0.064
450	0.36	0.068
476	0.36	0.065
500	0.38	0.066

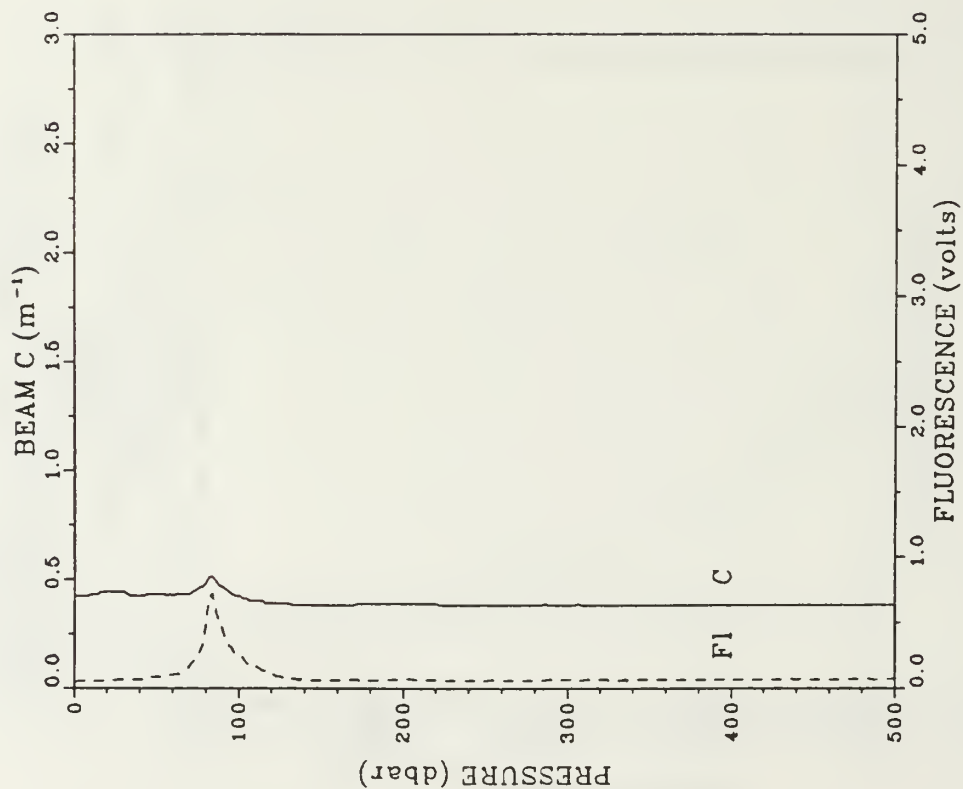




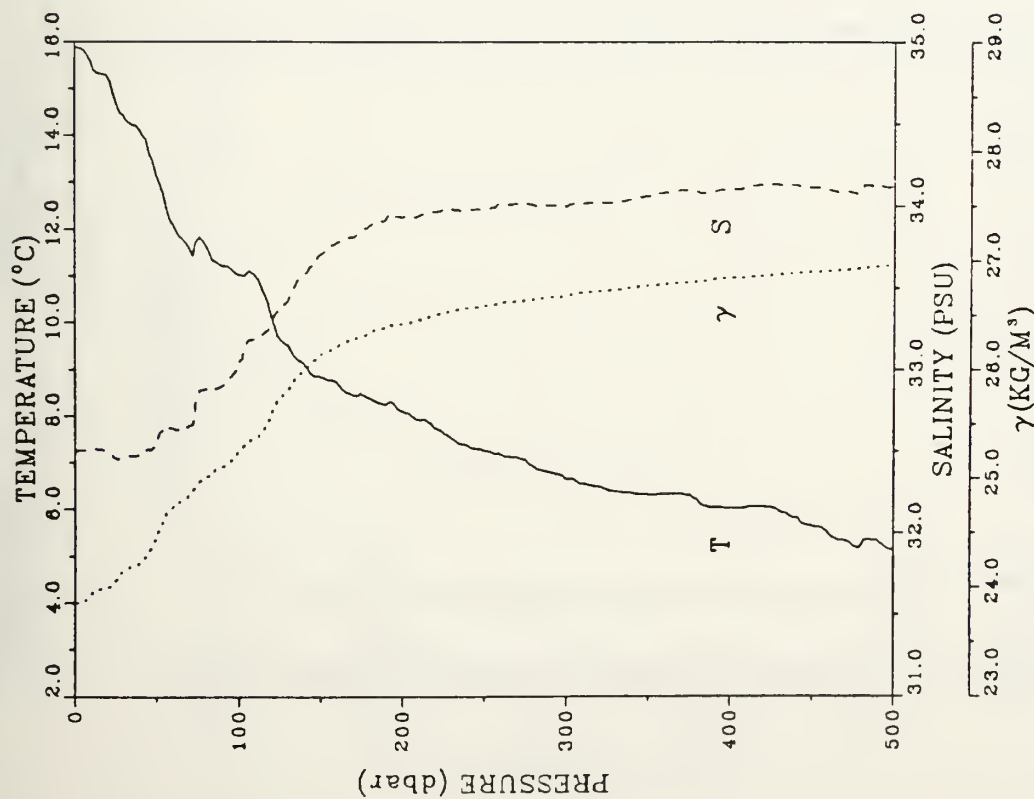
STATION: 235 LAT: 38 22.5 N LON: 125 5.5 W
 DATE: 7/15/88 TIME: 1623Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	16.368	32.733	23.922	387.5	0.000
6	16.262	32.718	23.935	396.5	0.020
10	16.117	32.681	23.939	396.1	0.036
16	15.864	32.638	23.963	394.0	0.059
20	15.768	32.630	23.978	392.7	0.075
26	15.740	32.640	23.992	391.5	0.099
30	15.857	32.701	24.013	389.6	0.114
36	15.923	32.837	24.103	381.3	0.137
40	15.769	32.854	24.146	377.3	0.153
46	15.388	32.884	24.257	366.7	0.175
50	14.922	32.910	24.379	355.3	0.189
60	14.369	32.928	24.510	343.0	0.224
70	13.190	32.840	24.683	326.6	0.258
80	11.692	32.834	24.965	299.8	0.289
90	11.260	32.866	25.068	290.2	0.319
100	11.157	32.939	25.143	283.2	0.347
126	10.487	33.144	25.421	257.3	0.417
150	9.572	33.396	25.771	224.3	0.475
176	8.784	33.755	26.178	186.0	0.529
200	8.560	33.925	26.345	170.4	0.571
226	7.860	33.956	26.475	158.3	0.614
250	7.453	33.968	26.543	152.0	0.651
276	7.139	33.985	26.600	146.8	0.690
300	7.165	34.040	26.640	143.4	0.725
326	6.672	34.013	26.686	139.2	0.762
350	6.403	34.024	26.730	135.1	0.795
378	6.192	34.049	26.777	130.9	0.829
400	5.835	34.034	26.810	127.7	0.860
426	5.711	34.057	26.844	124.8	0.893
450	5.603	34.094	26.886	121.0	0.923
476	5.555	34.133	26.923	117.8	0.954
500	5.415	34.146	26.950	115.3	0.982

PRESS	TRANS	FLUOR
1	0.42	0.046
6	0.42	0.054
10	0.43	0.052
16	0.44	0.050
20	0.44	0.053
26	0.44	0.062
30	0.44	0.065
36	0.42	0.066
40	0.42	0.066
46	0.43	0.081
50	0.43	0.084
60	0.42	0.101
70	0.43	0.155
80	0.48	0.481
90	0.46	0.455
100	0.42	0.247
126	0.39	0.081
150	0.38	0.062
176	0.39	0.062
200	0.39	0.069
226	0.38	0.058
250	0.38	0.060
276	0.38	0.057
300	0.38	0.067
326	0.38	0.065
350	0.38	0.063
376	0.38	0.065
400	0.38	0.064
426	0.38	0.066
450	0.38	0.067
476	0.38	0.068
500	0.38	0.066



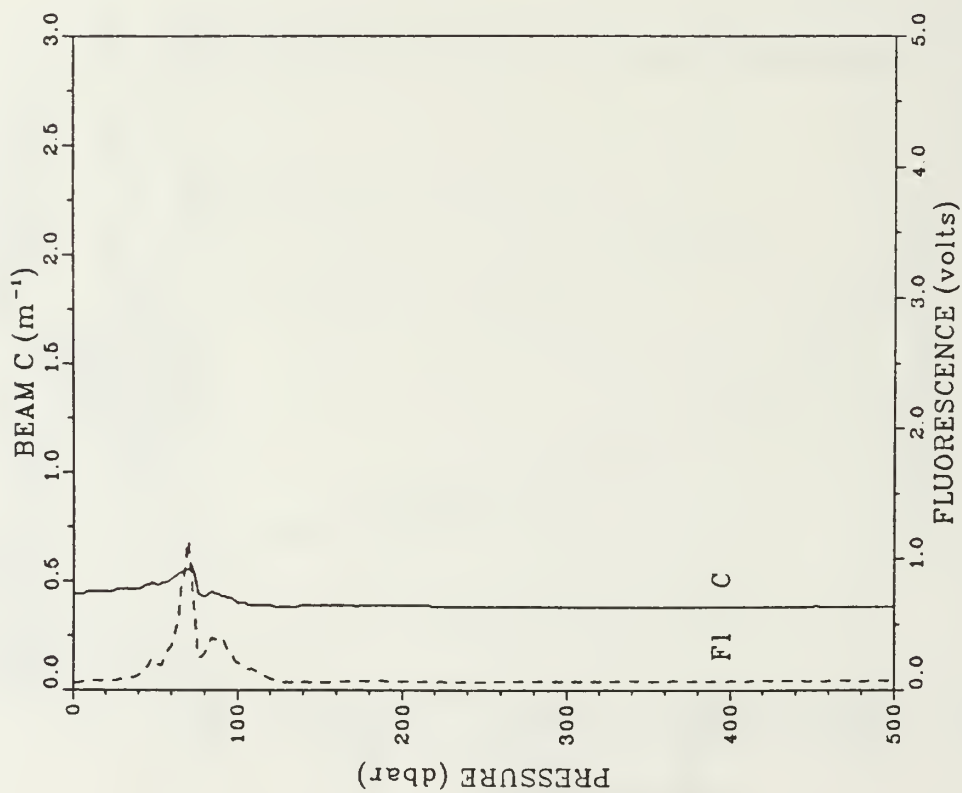
STATION: 235 LAT: 38 22.5 N LON: 125 5.5 W
 DATE: 7/15/88 TIME: 1623Z



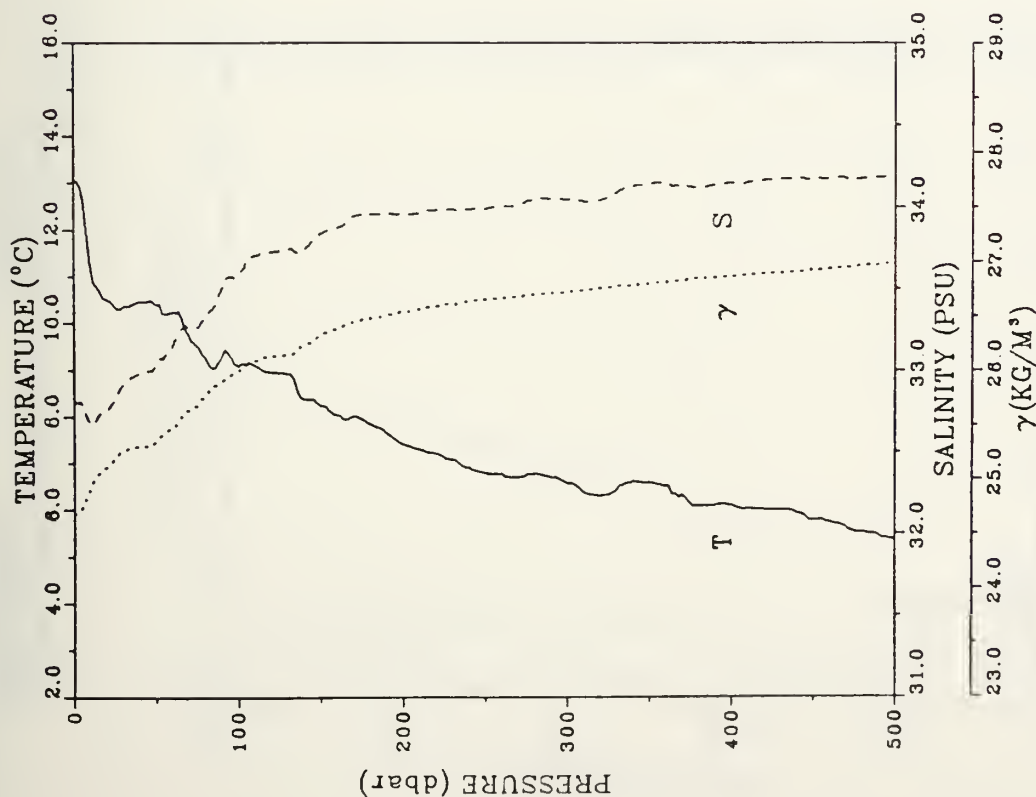
STATION: 236 LAT: 38 10.8 N LON: 124 57.0 W
 DATE: 7/15/88 TIME: 1823Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.874	32.500	23.854	403.9	0.000
6	15.804	32.502	23.872	402.5	0.020
10	15.583	32.511	23.928	397.2	0.036
16	15.314	32.508	23.984	392.0	0.060
20	15.265	32.499	23.968	391.7	0.076
28	14.629	32.442	24.081	383.0	0.099
30	14.413	32.460	24.140	377.5	0.114
36	14.214	32.469	24.188	373.0	0.136
40	14.108	32.474	24.214	370.6	0.151
48	13.814	32.502	24.337	359.0	0.173
50	13.134	32.548	24.468	346.6	0.187
60	12.098	32.633	24.733	321.5	0.221
70	11.605	32.653	24.840	311.5	0.252
80	11.635	32.878	25.010	295.6	0.283
90	11.208	32.902	25.106	266.6	0.312
100	11.025	33.039	25.245	273.6	0.340
126	9.819	33.378	25.749	225.9	0.405
150	8.831	33.706	26.132	189.8	0.455
178	8.443	33.859	26.312	173.1	0.502
200	8.093	33.928	26.418	163.3	0.542
226	7.614	33.973	26.524	153.5	0.583
250	7.255	33.982	26.582	148.2	0.620
278	7.047	34.015	26.637	143.3	0.656
300	6.800	33.995	26.673	140.0	0.692
326	6.409	34.017	26.724	135.4	0.727
350	6.324	34.058	26.767	131.6	0.759
378	6.318	34.099	26.800	128.8	0.793
400	6.026	34.101	26.839	125.2	0.824
426	6.023	34.131	26.863	123.2	0.856
450	5.628	34.110	26.696	120.1	0.885
476	5.196	34.078	26.922	117.5	0.916
500	5.132	34.114	26.958	114.3	0.944

PRESS	TRANS	FLUOR
1	0.44	0.052
6	0.44	0.062
10	0.45	0.070
16	0.45	0.071
20	0.45	0.069
28	0.46	0.073
30	0.46	0.078
36	0.46	0.095
40	0.48	0.111
48	0.48	0.179
50	0.48	0.207
60	0.51	0.332
70	0.55	1.138
80	0.43	0.280
90	0.43	0.403
100	0.40	0.207
128	0.38	0.084
150	0.39	0.055
176	0.38	0.068
200	0.39	0.065
226	0.38	0.058
250	0.38	0.059
278	0.38	0.064
300	0.38	0.061
328	0.38	0.084
350	0.38	0.067
378	0.38	0.067
400	0.38	0.068
426	0.38	0.072
450	0.38	0.070
478	0.38	0.068
500	0.38	0.069

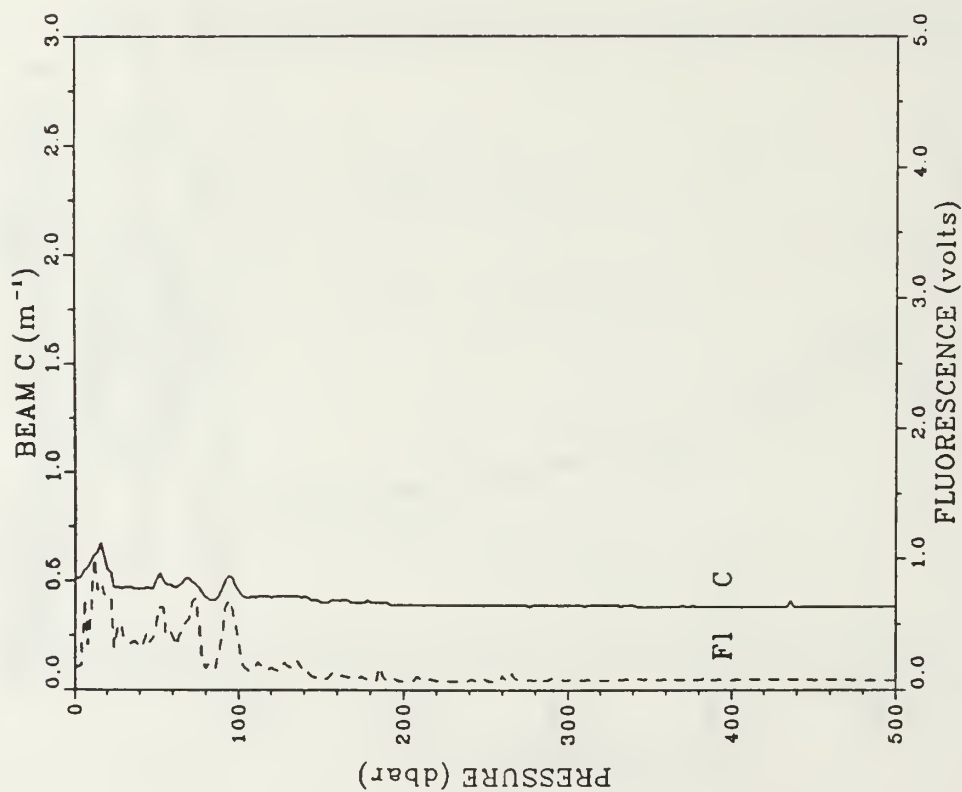


STATION: 236 LAT: 38 10.8 N LON: 124 57.0 W
 DATE: 7/15/88 TIME: 1823Z



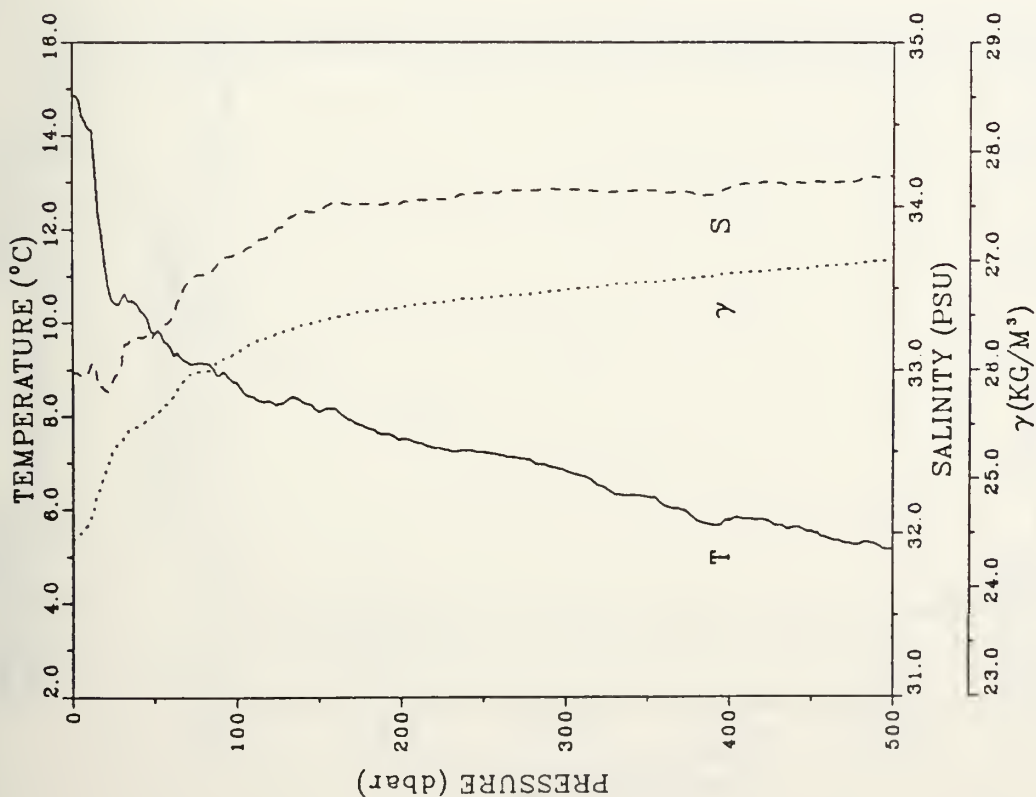
STATION: 237 LAT: 37 59.0 N LON: 124 48.6 W
DATE: 7/15/88 TIME: 2030Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	13.051	32.803	24.682	325.1	0.000
6	12.574	32.782	24.759	317.9	0.019
10	11.285	32.672	24.913	303.3	0.032
16	10.684	32.734	25.067	288.7	0.049
20	10.496	32.745	25.108	284.9	0.061
26	10.308	32.835	25.210	275.3	0.076
30	10.364	32.912	25.281	270.5	0.069
36	10.416	32.983	25.292	267.7	0.105
40	10.464	32.981	25.298	267.3	0.116
48	10.469	32.998	25.305	266.7	0.132
50	10.398	33.029	25.348	262.8	0.142
60	10.242	33.139	25.459	252.3	0.168
70	9.783	33.258	25.830	236.2	0.192
80	9.270	33.319	25.780	224.0	0.215
90	9.276	33.494	25.695	211.3	0.237
100	9.073	33.585	25.999	201.8	0.258
128	8.939	33.734	26.137	189.0	0.306
150	8.239	33.636	26.324	171.4	0.352
176	7.921	33.960	26.469	158.0	0.395
200	7.419	33.951	26.534	152.0	0.432
226	7.106	33.984	26.804	145.7	0.470
250	6.793	33.990	26.652	141.4	0.505
276	6.775	34.035	26.689	138.2	0.541
300	6.579	34.040	26.720	135.6	0.574
328	6.356	34.058	26.783	131.7	0.609
350	6.584	34.140	26.798	128.9	0.640
376	6.101	34.114	26.840	124.9	0.673
400	6.096	34.143	26.864	122.9	0.703
426	6.011	34.166	26.692	120.5	0.734
450	5.781	34.168	26.921	117.8	0.763
476	5.520	34.185	26.952	115.0	0.793
500	5.368	34.186	26.987	111.6	0.821



PRESS	TRANS	FLUOR
0	0.51	0.176
6	0.55	0.695
10	0.59	0.601
16	0.67	0.817
20	0.55	0.678
26	0.47	0.466
30	0.47	0.402
36	0.46	0.372
40	0.46	0.321
46	0.46	0.359
50	0.50	0.492
60	0.47	0.404
70	0.51	0.539
80	0.42	0.160
90	0.46	0.411
100	0.45	0.360
126	0.43	0.191
150	0.40	0.093
176	0.40	0.091
200	0.39	0.088
226	0.39	0.061
250	0.39	0.070
276	0.38	0.076
300	0.39	0.075
326	0.39	0.073
350	0.38	0.080
376	0.39	0.077
400	0.38	0.072
426	0.38	0.077
450	0.38	0.071
476	0.38	0.070
500	0.38	0.071

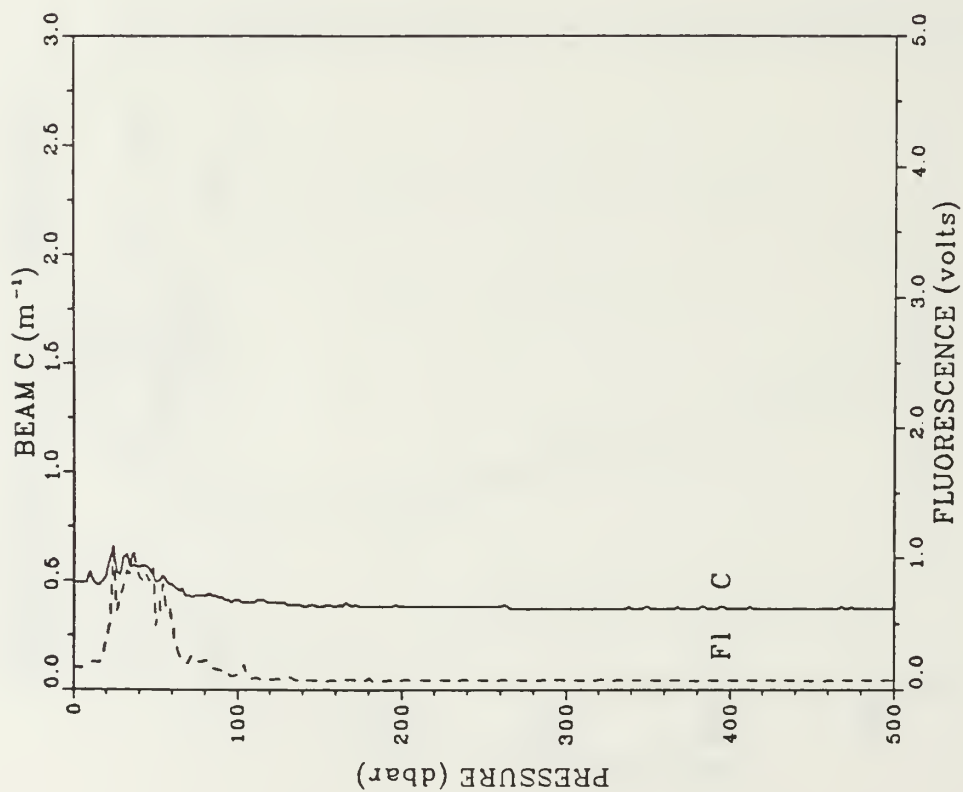
STATION: 237 LAT: 37 59.0 N LON: 124 48.6 W
 DATE: 7/15/88 TIME: 2030Z



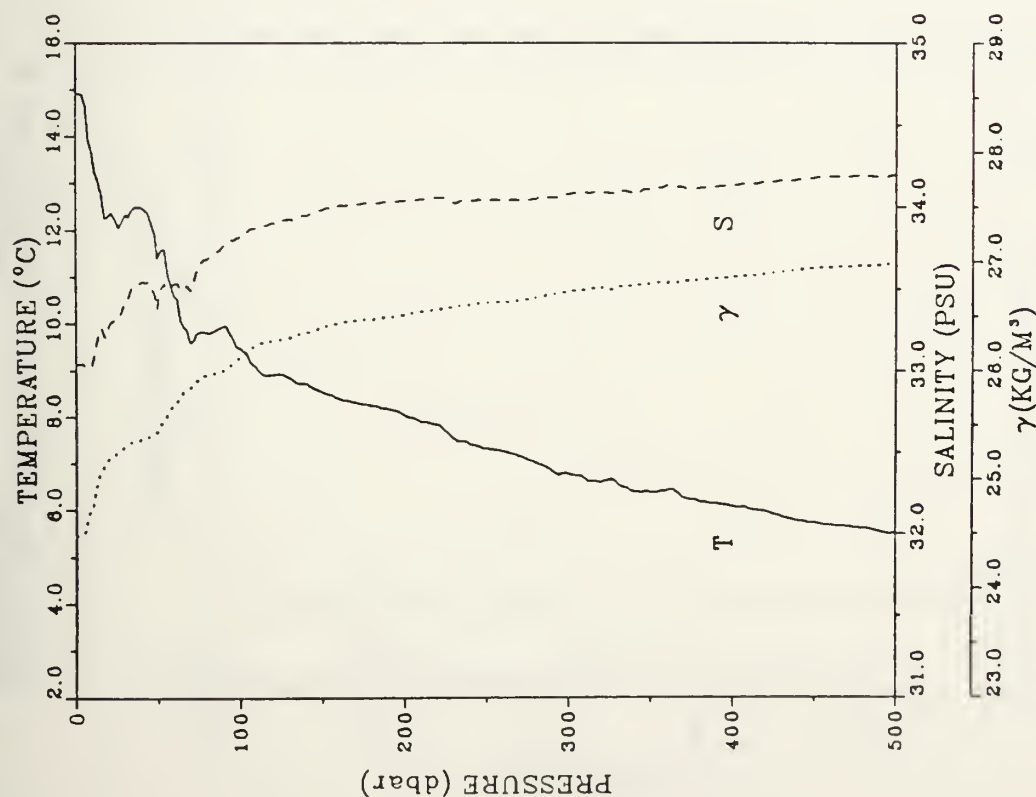
STATION: 238 LAT: 37 47.5 N LONG: 124 40.2 W
DATE: 7/15/88 TIME: 2223Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	14.865	32.984	24.448	347.3	0.000
6	14.415	32.955	24.521	340.5	0.021
10	14.141	32.984	24.801	333.0	0.034
18	12.348	32.897	24.891	305.5	0.053
20	11.308	32.876	25.068	288.7	0.085
28	10.413	32.965	25.294	287.3	0.082
30	10.514	33.039	25.334	283.8	0.092
36	10.485	33.200	25.465	251.3	0.108
40	10.385	33.198	25.480	249.9	0.118
48	10.089	33.212	25.541	244.2	0.133
50	9.781	33.213	25.594	239.3	0.142
60	9.470	33.308	25.717	227.7	0.186
70	9.167	33.528	25.938	208.9	0.187
80	9.135	33.583	25.988	202.3	0.208
90	8.888	33.664	28.090	192.7	0.228
100	8.712	33.708	28.152	187.0	0.247
128	8.273	33.870	28.348	169.0	0.293
150	8.100	33.964	28.446	159.8	0.332
176	7.805	34.014	28.528	152.4	0.373
200	7.518	34.023	28.577	148.0	0.409
226	7.301	34.044	28.624	143.9	0.447
250	7.240	34.082	28.683	140.8	0.481
276	7.095	34.098	28.694	138.0	0.517
300	8.853	34.100	28.730	134.7	0.550
328	8.438	34.088	28.778	130.5	0.585
350	6.280	34.098	28.804	128.0	0.616
378	5.905	34.084	28.841	124.8	0.648
400	5.766	34.109	28.878	121.3	0.678
426	5.705	34.135	28.906	118.9	0.709
450	5.548	34.146	28.934	118.4	0.737
476	5.252	34.150	28.972	112.8	0.767
500	5.138	34.179	27.009	109.5	0.794

PRESS	TRANS	FLUOR
0	0.49	0.170
6	0.49	0.169
10	0.54	0.201
16	0.48	0.208
20	0.52	0.379
26	0.54	0.597
30	0.61	0.786
36	0.57	1.071
40	0.56	0.852
46	0.55	0.827
50	0.49	0.480
60	0.48	0.481
70	0.43	0.200
80	0.43	0.225
90	0.42	0.143
100	0.41	0.116
126	0.40	0.079
150	0.38	0.067
176	0.38	0.071
200	0.38	0.071
226	0.38	0.072
250	0.38	0.072
276	0.37	0.069
300	0.37	0.073
326	0.37	0.072
350	0.38	0.069
376	0.37	0.068
400	0.37	0.067
426	0.37	0.071
450	0.37	0.066
476	0.37	0.069
500	0.37	0.069

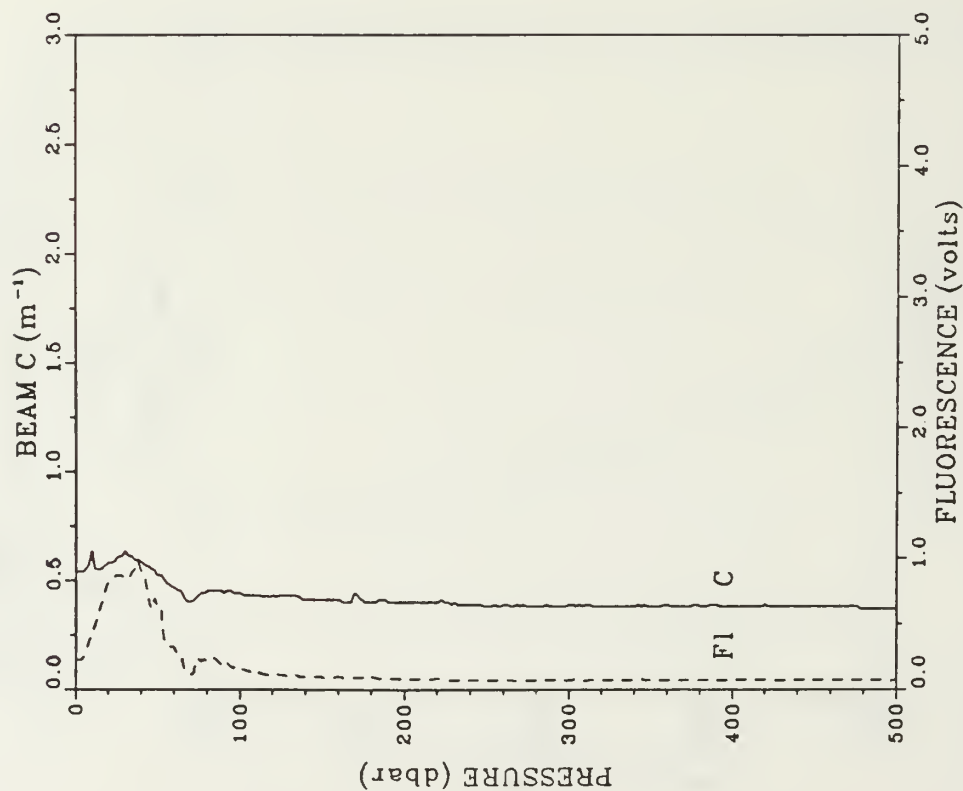


STATION: 238 LAT: 37 47.5 N LON: 124 40.2 W
 DATE: 7/15/88 TIME: 2223Z



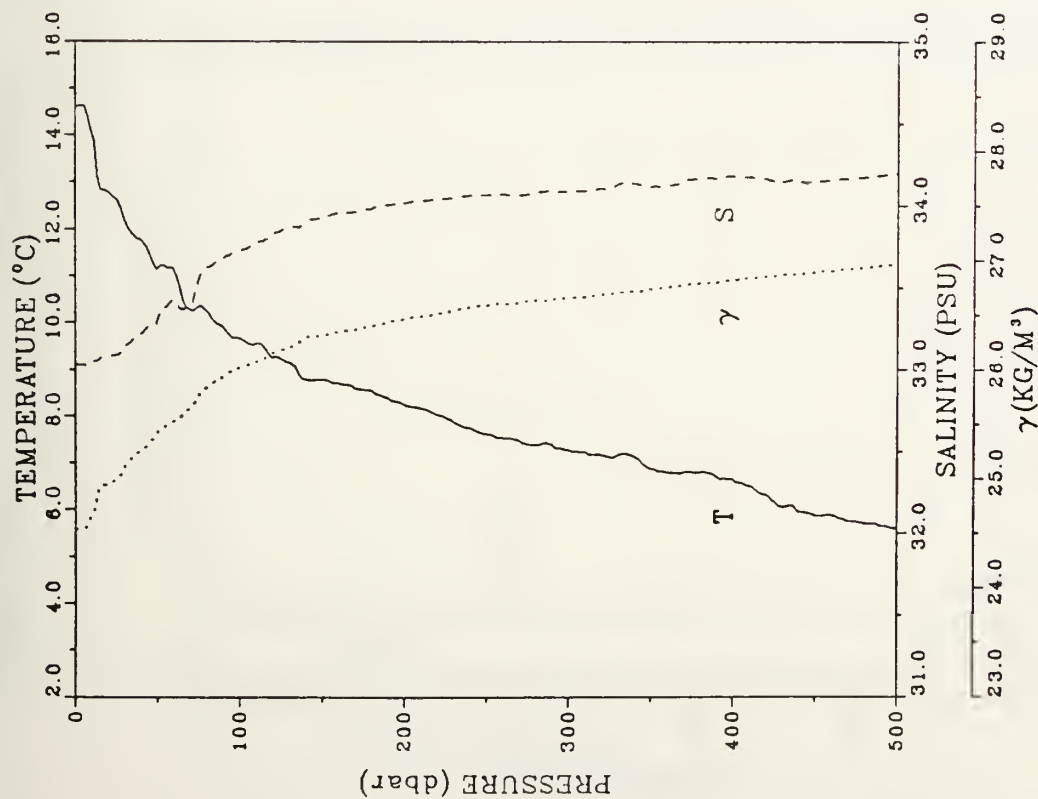
STATION: 239 LAT: 37 35.6 N LONG: 124 31.4 W
 DATE: 7/16/88 TIME: 0018Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	14.904	33.037	24.480	344.3	0.000
6	14.656	33.026	24.525	340.2	0.021
10	13.862	33.027	24.733	320.5	0.034
16	12.752	33.258	25.093	286.3	0.052
20	12.287	33.262	25.188	277.6	0.063
26	12.055	33.311	25.268	269.9	0.080
30	12.325	33.413	25.298	267.3	0.090
36	12.489	33.527	25.352	262.1	0.106
40	12.469	33.540	25.368	260.9	0.117
46	12.182	33.519	25.405	257.3	0.132
50	11.388	33.380	25.445	253.5	0.142
60	10.581	33.533	25.708	228.7	0.167
70	9.585	33.486	25.839	216.3	0.189
80	9.802	33.684	25.958	205.2	0.210
90	9.948	33.781	25.994	202.1	0.230
100	9.469	33.816	26.116	190.6	0.250
126	8.904	33.917	26.286	174.9	0.297
150	8.533	33.985	26.397	164.7	0.338
176	8.271	34.021	26.465	158.6	0.380
200	8.035	34.039	26.514	154.2	0.418
226	7.669	34.043	26.571	149.1	0.457
250	7.325	34.044	26.621	144.6	0.492
276	7.079	34.042	26.654	141.8	0.530
300	6.783	34.077	26.721	135.5	0.563
326	6.674	34.088	26.743	133.8	0.598
350	6.377	34.103	26.796	128.9	0.629
376	6.229	34.115	26.824	126.4	0.663
400	6.077	34.127	26.853	123.9	0.693
428	5.911	34.158	26.897	119.9	0.724
450	5.728	34.178	26.937	116.3	0.753
476	5.625	34.187	26.957	114.6	0.783
500	5.501	34.194	26.978	112.8	0.810



PRESS	TRANS	FLUOR
0	0.54	0.227
6	0.55	0.273
10	0.63	0.433
16	0.55	0.651
20	0.58	0.818
26	0.61	0.867
30	0.63	0.845
38	0.59	0.918
40	0.58	0.890
46	0.55	0.607
50	0.52	0.627
60	0.46	0.321
70	0.40	0.114
80	0.45	0.214
90	0.44	0.221
100	0.44	0.154
126	0.43	0.108
150	0.41	0.091
178	0.40	0.089
200	0.40	0.078
226	0.40	0.074
250	0.38	0.069
278	0.38	0.067
300	0.39	0.068
328	0.38	0.069
350	0.38	0.072
378	0.39	0.072
400	0.38	0.069
428	0.38	0.072
450	0.38	0.071
476	0.38	0.071
500	0.37	0.068

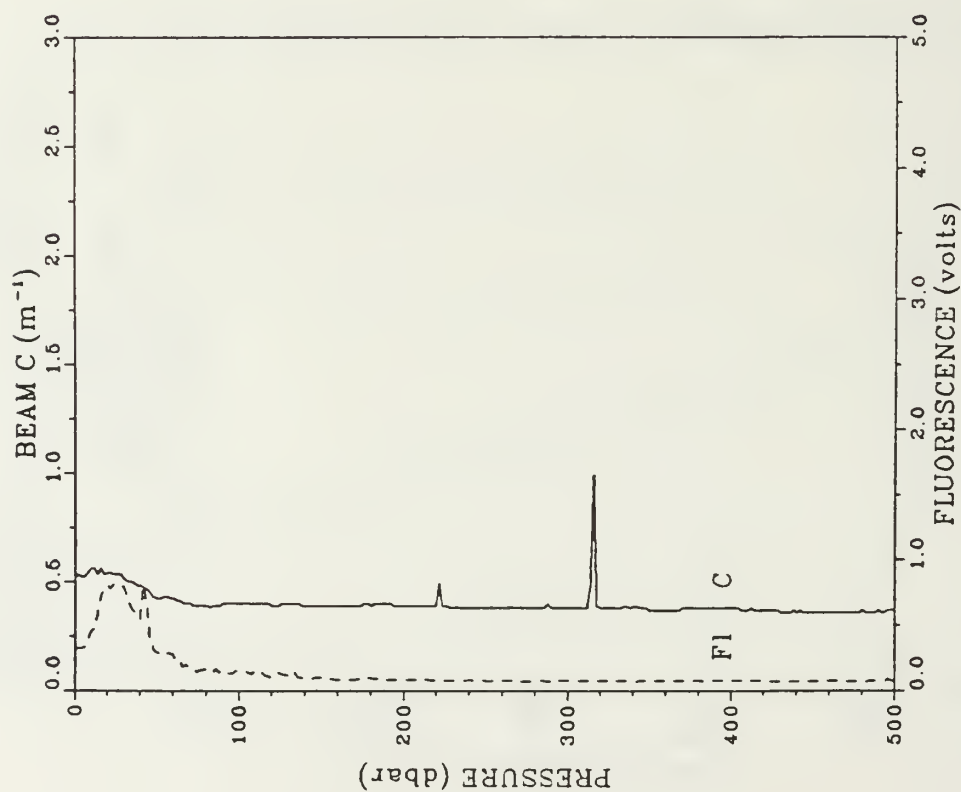
STATION: 239 LAT: 37 35.6 N LON: 124 31.4 W
 DATE: 7/16/88 TIME: 0018Z



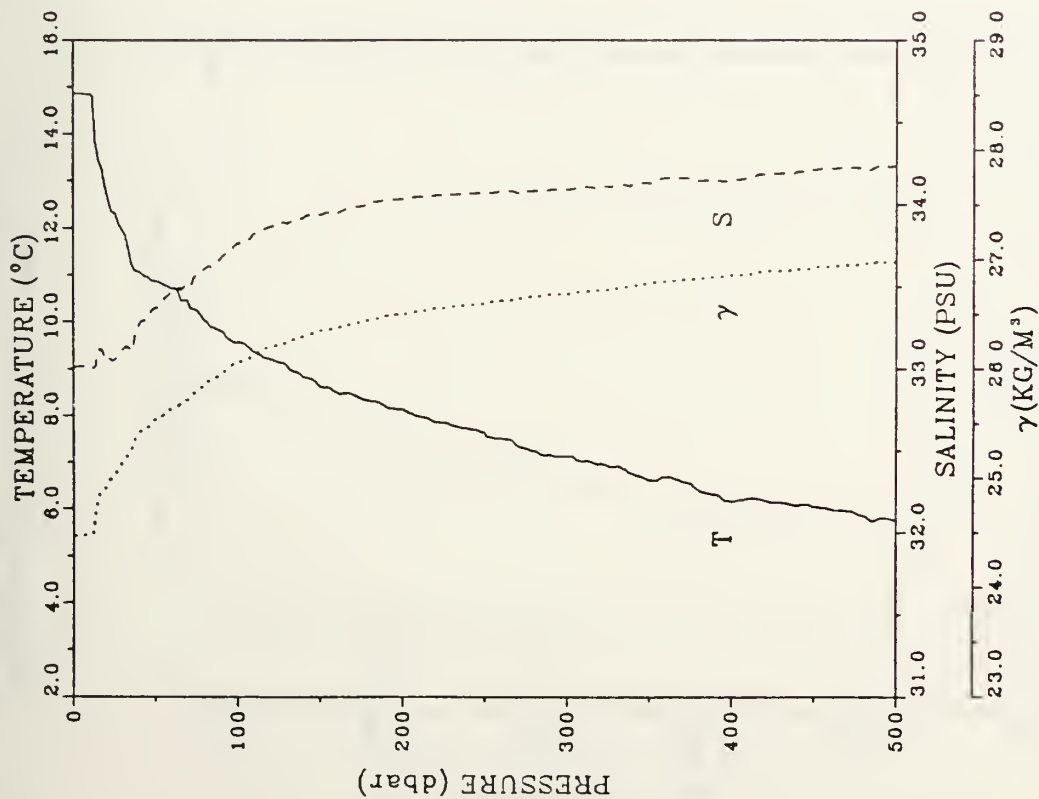
STATION: 839 LAT: 37 23.5 N LON: 124 22.1 W
 DATE: 7/16/88 TIME: 0200Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	14.605	33.027	24.537	338.9	0.000
6	14.600	33.023	24.535	339.2	0.017
10	14.080	33.027	24.647	328.7	0.030
16	12.842	33.072	24.931	301.7	0.049
20	12.791	33.076	24.944	300.5	0.061
26	12.594	33.093	24.996	295.8	0.079
30	12.215	33.138	25.103	285.6	0.091
36	11.865	33.185	25.205	276.0	0.108
40	11.768	33.220	25.251	271.8	0.119
46	11.454	33.260	25.339	263.5	0.135
50	11.133	33.280	25.413	256.5	0.145
60	11.149	33.426	25.524	246.2	0.170
70	10.288	33.386	25.843	235.0	0.194
80	10.249	33.622	25.834	217.1	0.217
90	9.927	33.676	25.931	208.0	0.238
100	9.657	33.727	26.016	200.1	0.259
126	9.218	33.849	26.182	184.7	0.309
150	8.784	33.922	26.308	173.1	0.351
178	8.569	33.979	26.386	166.1	0.396
200	8.283	34.020	26.465	158.9	0.435
226	7.954	34.047	26.533	152.9	0.475
250	7.626	34.067	26.596	147.1	0.511
276	7.395	34.074	26.635	143.7	0.549
300	7.272	34.089	26.664	141.3	0.583
328	7.117	34.102	26.695	138.6	0.620
350	6.893	34.116	26.739	134.7	0.652
376	6.797	34.159	26.784	130.7	0.687
400	6.641	34.177	26.819	127.6	0.718
428	6.160	34.144	26.858	124.0	0.750
450	5.878	34.141	26.890	120.9	0.780
476	5.733	34.169	26.929	117.3	0.811
500	5.591	34.195	26.967	113.9	0.839

PRESS	TRANS	FLUOR
1	0.52	0.323
6	0.52	0.332
10	0.58	0.448
18	0.58	0.711
20	0.54	0.808
26	0.53	0.625
30	0.51	0.785
36	0.49	0.807
40	0.48	0.544
46	0.45	0.410
50	0.42	0.290
60	0.42	0.271
70	0.40	0.170
80	0.39	0.162
90	0.40	0.159
100	0.40	0.155
126	0.40	0.123
150	0.39	0.095
176	0.40	0.089
200	0.39	0.082
226	0.39	0.075
250	0.38	0.073
276	0.38	0.072
300	0.38	0.074
326	0.38	0.078
350	0.37	0.073
376	0.38	0.077
400	0.38	0.074
426	0.37	0.073
450	0.36	0.069
476	0.36	0.072
500	0.37	0.073

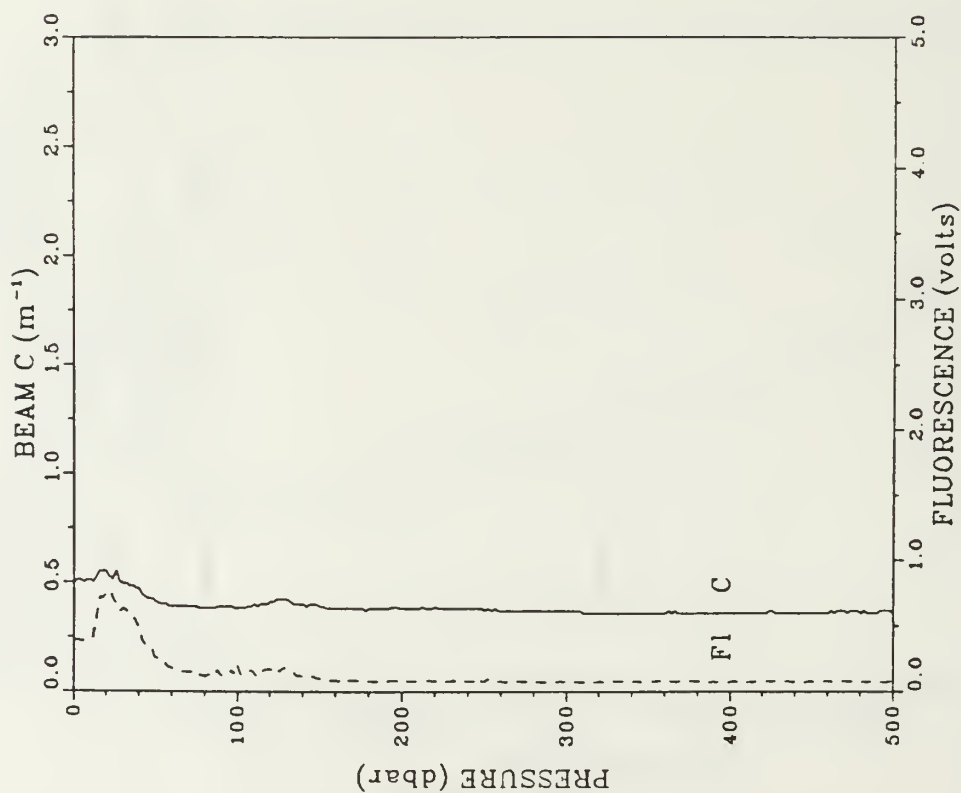


STATION: 839 LAT: 37 23.5 N LON: 124 22.1 W
 DATE: 7/16/88 TIME: 0200Z



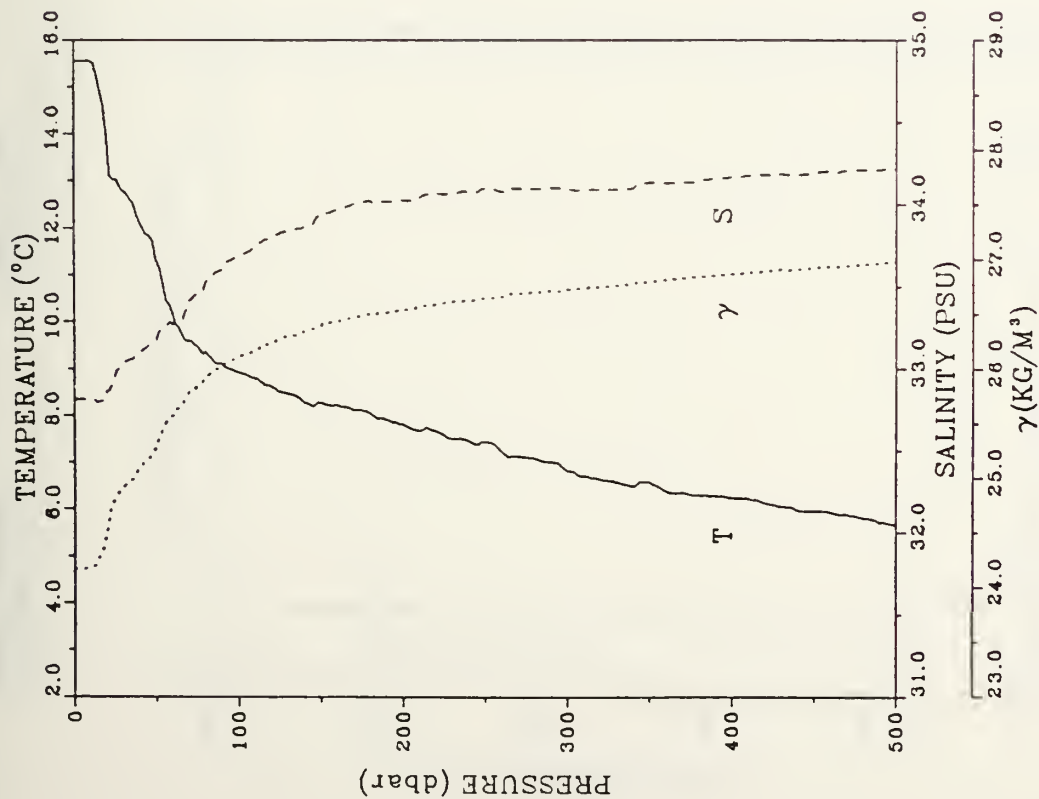
STATION: 840 LAT: 37 19.8 N LON: 124 49.3 W
 DATE: 7/16/88 TIME: 0506Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	14.858	33.010	24.470	345.3	0.000
8	14.851	33.012	24.473	345.2	0.017
10	14.846	33.011	24.473	345.2	0.031
16	13.427	33.118	24.851	309.4	0.051
20	12.880	33.049	24.910	303.8	0.063
26	12.292	33.061	25.029	292.6	0.081
30	11.970	33.117	25.133	282.8	0.092
38	11.210	33.108	25.285	270.3	0.109
40	11.073	33.258	25.407	258.9	0.120
46	10.959	33.305	25.464	251.6	0.135
50	10.859	33.369	25.531	245.3	0.145
60	10.708	33.467	25.634	235.7	0.169
70	10.450	33.521	25.721	227.6	0.192
80	10.019	33.613	25.866	214.0	0.214
90	9.803	33.671	25.948	206.4	0.235
100	9.558	33.764	26.061	195.8	0.255
126	9.124	33.890	26.230	180.2	0.304
150	8.619	33.940	26.348	189.3	0.348
178	8.348	33.991	26.430	181.9	0.389
200	8.135	34.034	26.495	158.0	0.427
226	7.639	34.058	26.558	150.4	0.467
250	7.630	34.069	26.597	147.0	0.503
276	7.290	34.081	26.855	141.8	0.540
300	7.146	34.093	26.684	139.3	0.574
328	6.914	34.106	26.727	135.5	0.610
350	6.626	34.129	26.783	130.3	0.842
378	6.537	34.158	26.818	127.3	0.675
400	6.170	34.141	26.852	124.0	0.705
428	6.148	34.188	26.892	120.6	0.737
450	6.048	34.211	26.923	117.9	0.786
476	5.912	34.222	26.949	115.7	0.796
500	5.765	34.233	26.978	113.3	0.823



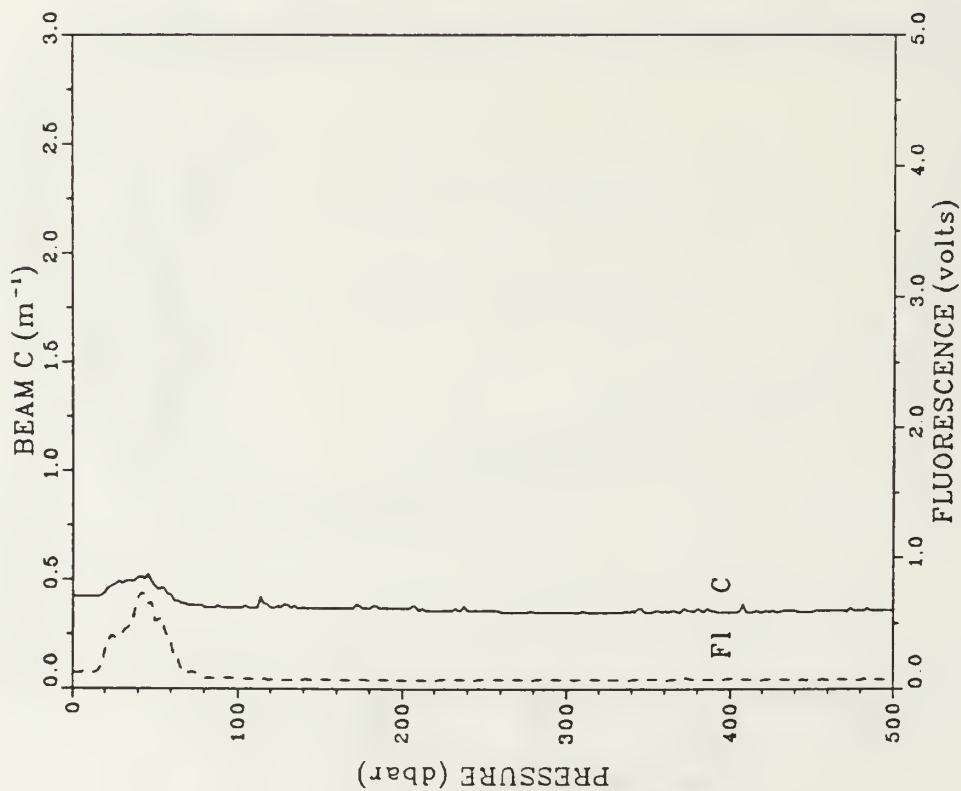
PRESS	TRANS	FLUOR
1	0.50	0.369
6	0.50	0.384
10	0.51	0.385
16	0.55	0.712
20	0.55	0.738
26	0.55	0.668
30	0.49	0.626
36	0.46	0.577
40	0.47	0.464
46	0.42	0.330
50	0.41	0.253
60	0.39	0.176
70	0.39	0.144
80	0.36	0.113
90	0.39	0.122
100	0.38	0.205
126	0.42	0.151
150	0.39	0.096
176	0.36	0.076
200	0.38	0.082
226	0.36	0.077
250	0.37	0.077
276	0.37	0.072
300	0.37	0.075
326	0.36	0.071
350	0.36	0.075
376	0.36	0.077
400	0.36	0.073
426	0.37	0.076
450	0.36	0.074
476	0.37	0.076
500	0.36	0.076

STATION: 840 LAT: 37 19.8 N LON: 124 49.3 W
 DATE: 7/16/88 TIME: 0506Z



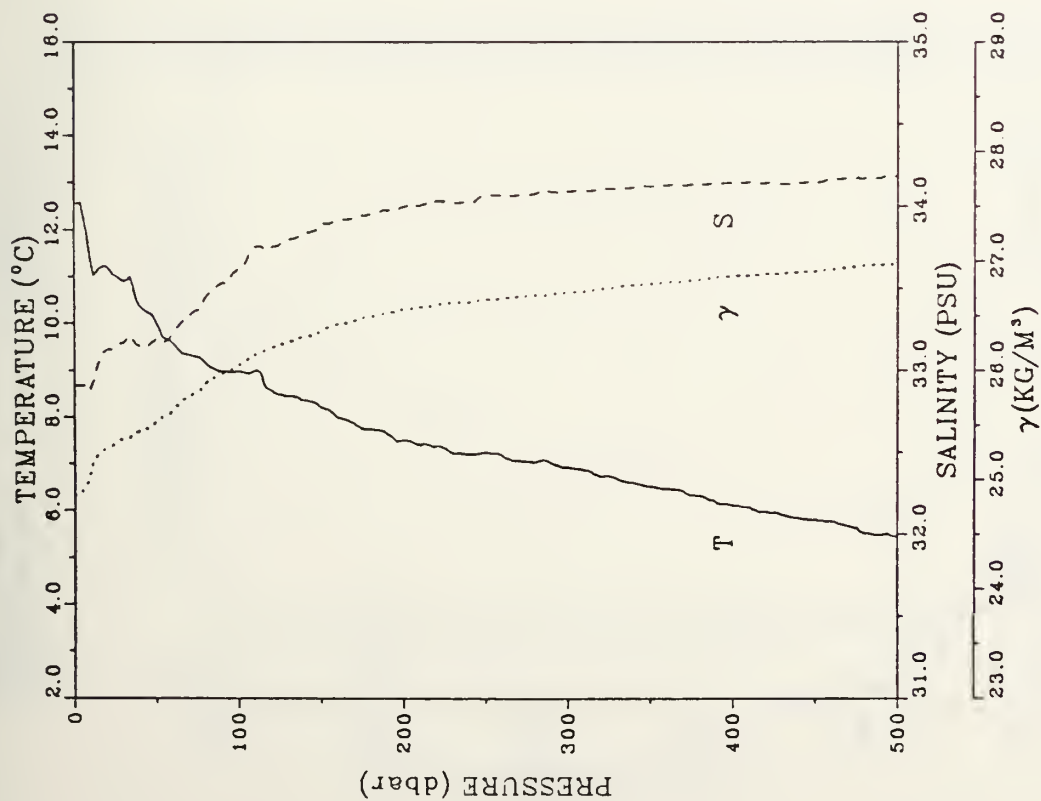
STATION: 240 LAT: 37 32.1 N LON: 124 57.4 W
 DATE: 7/16/88 TIME: 0718Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.553	32.812	24.166	374.3	0.000
6	15.555	32.813	24.166	374.4	0.019
10	15.524	32.811	24.171	374.0	0.034
16	14.921	32.602	24.296	362.3	0.056
20	13.976	32.859	24.538	339.2	0.070
26	13.008	32.991	24.836	311.0	0.069
30	12.766	33.030	24.913	303.7	0.102
36	12.532	33.063	24.984	297.1	0.120
40	12.119	33.101	25.093	286.9	0.131
48	11.824	33.147	25.184	278.3	0.148
50	11.352	33.173	25.290	266.2	0.159
60	10.177	33.270	25.572	241.6	0.165
70	9.587	33.417	25.785	221.4	0.206
60	9.347	33.523	25.907	210.0	0.229
90	8.091	33.605	26.012	200.2	0.250
100	8.905	33.690	26.108	191.3	0.269
126	6.495	33.630	26.261	175.2	0.317
150	6.280	33.934	26.395	164.7	0.358
176	6.097	34.016	26.467	156.4	0.400
200	7.606	34.026	26.538	151.9	0.437
226	7.555	34.064	26.604	145.9	0.475
250	7.455	34.096	26.645	142.4	0.510
276	7.105	34.096	26.692	138.1	0.546
300	6.629	34.092	26.727	135.0	0.579
326	6.607	34.093	26.758	132.3	0.614
350	6.576	34.135	26.795	129.2	0.645
376	6.306	34.136	26.831	125.9	0.679
400	6.240	34.164	26.862	123.2	0.708
426	6.085	34.181	26.695	120.3	0.740
450	5.950	34.169	26.918	116.3	0.769
476	5.844	34.209	26.947	115.8	0.799
500	5.663	34.215	26.974	113.3	0.827



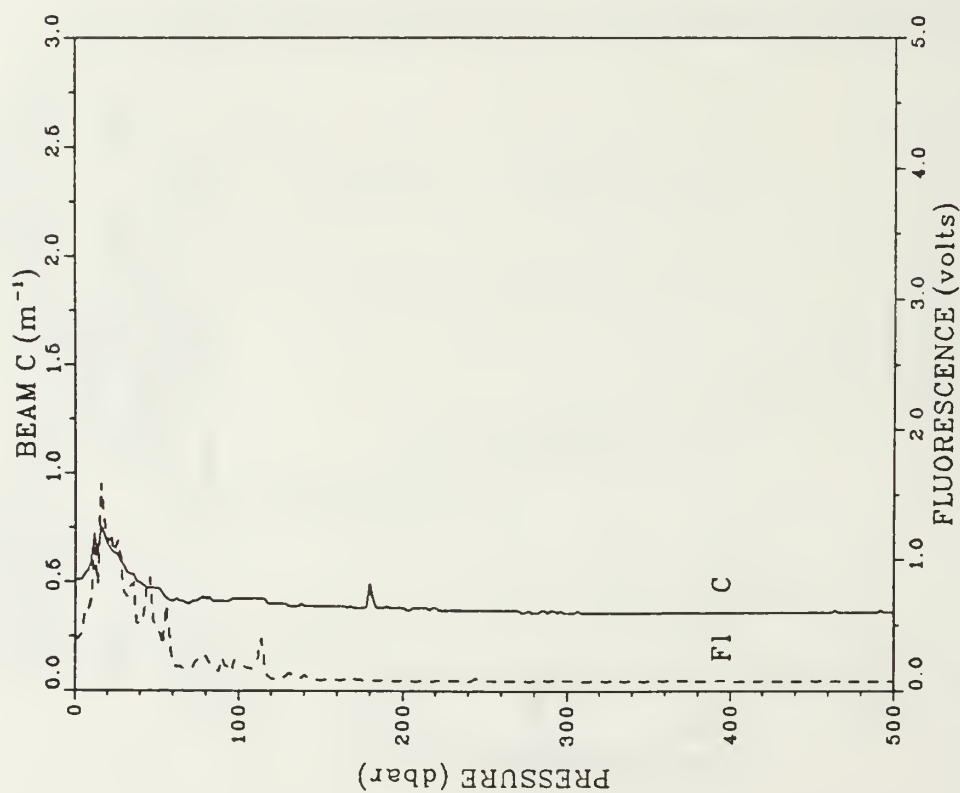
PRESS	TRANS	FLUOR
1	0.42	0.119
6	0.42	0.124
10	0.42	0.120
16	0.42	0.137
20	0.44	0.284
26	0.48	0.385
30	0.48	0.411
36	0.49	0.494
40	0.51	0.691
46	0.52	0.645
50	0.47	0.514
60	0.43	0.357
70	0.38	0.120
80	0.37	0.079
90	0.37	0.079
100	0.37	0.086
126	0.37	0.066
150	0.37	0.073
178	0.37	0.068
200	0.37	0.085
226	0.36	0.066
250	0.36	0.066
278	0.35	0.070
300	0.35	0.071
326	0.35	0.068
350	0.35	0.069
378	0.36	0.071
400	0.35	0.074
426	0.36	0.071
450	0.35	0.070
476	0.36	0.071
500	0.36	0.071

STATION: 240 LAT: 37 32.1 N LON: 124 57.4 W
 DATE: 7/16/88 TIME: 0718Z



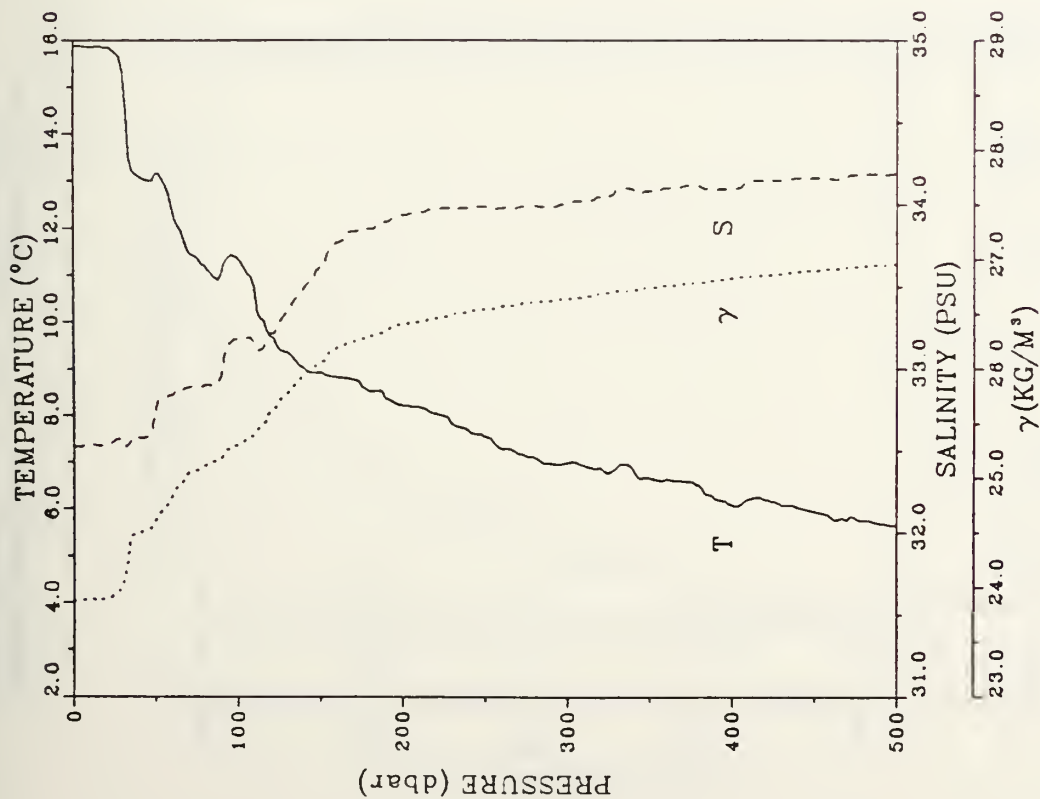
STATION: 241 LAT: 37 43.5 N LON: 125 6.8 W
 DATE: 7/16/88 TIME: 0918Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	12.558	32.903	24.855	308.5	0.000
6	12.252	32.905	24.915	303.0	0.018
10	11.399	32.886	25.059	289.4	0.030
16	11.197	33.072	25.240	272.3	0.047
20	11.200	33.125	25.280	268.5	0.056
26	10.984	33.143	25.333	263.6	0.074
30	10.902	33.164	25.364	260.6	0.084
36	10.798	33.183	25.397	257.7	0.100
40	10.368	33.142	25.440	253.7	0.110
46	10.214	33.156	25.477	250.3	0.125
50	10.064	33.187	25.526	245.7	0.135
60	9.577	33.226	25.637	235.3	0.159
70	9.325	33.330	25.759	223.8	0.182
80	9.145	33.444	25.677	212.6	0.204
90	8.977	33.530	25.971	204.0	0.225
100	8.977	33.624	26.045	197.2	0.245
126	8.477	33.771	26.237	179.3	0.294
150	8.211	33.876	26.360	168.0	0.336
176	7.745	33.944	26.462	156.7	0.376
200	7.503	33.999	26.580	149.6	0.414
226	7.313	34.031	26.612	145.0	0.453
250	7.235	34.066	26.651	141.7	0.487
276	7.050	34.071	26.680	139.2	0.524
300	6.928	34.069	26.711	136.6	0.557
326	6.729	34.107	26.752	132.9	0.592
350	6.519	34.122	26.792	129.4	0.623
376	6.327	34.129	26.823	126.7	0.657
400	6.116	34.142	26.860	123.3	0.687
426	5.949	34.139	26.879	121.7	0.718
450	5.795	34.146	26.904	119.5	0.747
476	5.625	34.173	26.946	115.7	0.778
500	5.439	34.179	26.973	113.2	0.805



PRESS	TRANS	FLUOR
0	0.51	0.394
8	0.53	0.584
10	0.59	0.700
18	0.75	1.579
20	0.67	1.124
28	0.62	1.146
30	0.57	0.754
38	0.53	0.822
40	0.49	0.508
48	0.47	0.884
50	0.47	0.484
60	0.41	0.209
70	0.40	0.168
80	0.42	0.263
90	0.41	0.250
100	0.42	0.212
128	0.40	0.102
150	0.38	0.082
178	0.38	0.078
200	0.38	0.072
228	0.37	0.073
250	0.37	0.075
278	0.37	0.074
300	0.38	0.074
328	0.38	0.072
350	0.38	0.072
378	0.38	0.075
400	0.38	0.069
428	0.38	0.071
450	0.38	0.075
478	0.38	0.072
500	0.38	0.073

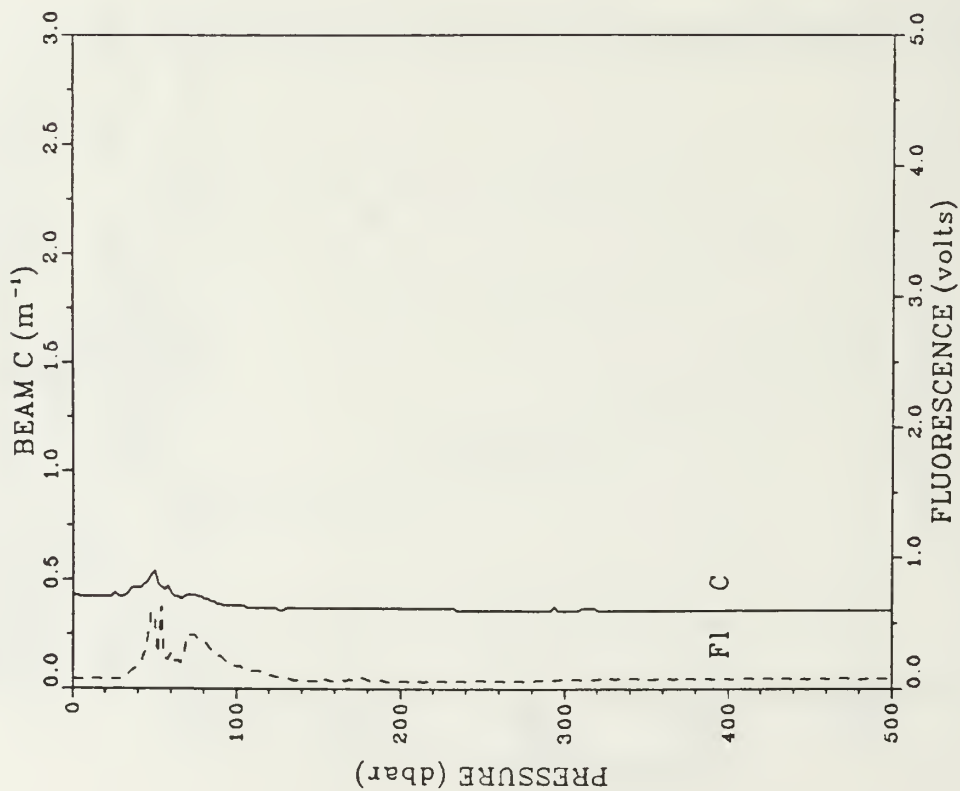
STATION: 241 LAT: 37 43.5 N LON: 125 6.8 W
 DATE: 7/16/88 TIME: 0918Z



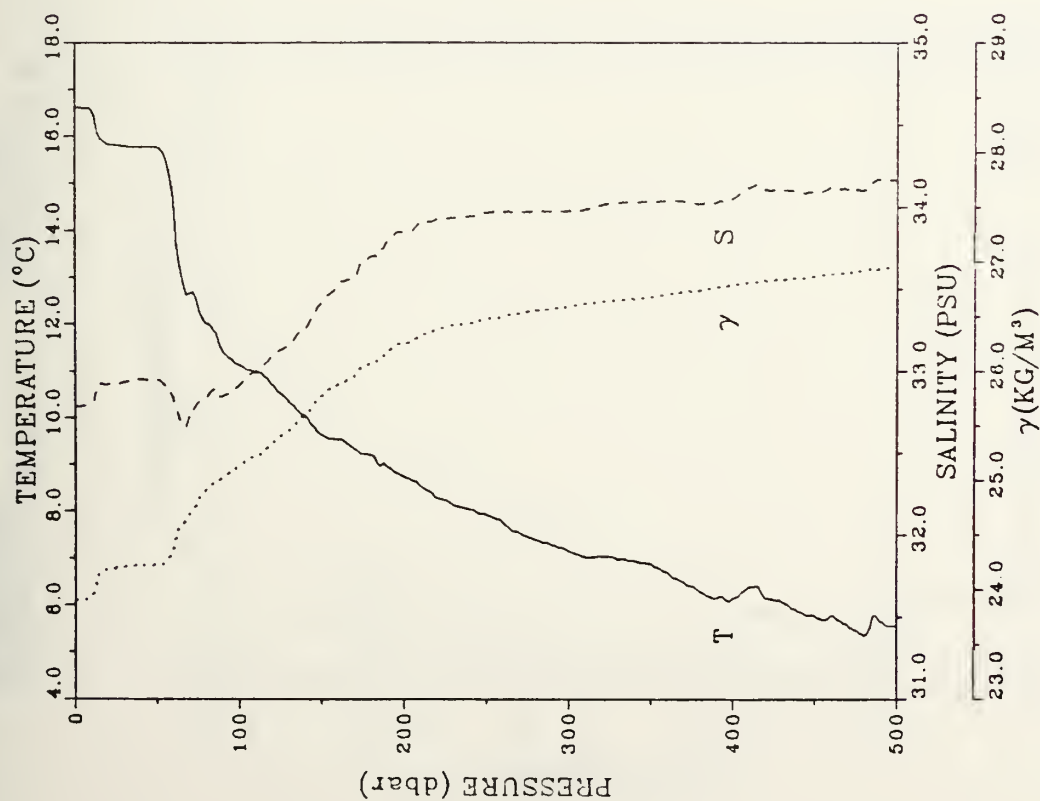
STATION: 242 LAT: 37 56.1 N LON: 125 15.8 W
DATE: 7/16/88 TIME: 1206Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.875	32.523	23.872	402.3	0.000
8	15.863	32.526	23.877	401.9	0.024
10	15.845	32.531	23.885	401.3	0.040
18	15.874	32.525	23.874	402.5	0.064
20	15.843	32.533	23.887	401.4	0.080
26	15.724	32.564	23.937	396.7	0.104
30	15.325	32.580	24.022	388.8	0.120
38	13.221	32.581	24.477	345.5	0.142
40	13.088	32.575	24.499	343.5	0.158
48	13.013	32.587	24.522	341.3	0.178
50	13.165	32.748	24.615	332.8	0.190
80	12.454	32.838	24.823	312.9	0.222
70	11.512	32.885	25.037	292.7	0.252
80	11.193	32.901	25.107	286.2	0.281
90	11.015	32.948	25.178	279.9	0.310
100	11.342	33.182	25.299	268.4	0.337
128	9.394	33.287	25.715	229.1	0.402
150	8.929	33.816	26.048	198.0	0.453
178	8.804	33.837	26.270	177.2	0.502
200	8.207	33.934	26.406	184.5	0.543
226	7.989	33.978	26.473	158.5	0.585
250	7.557	33.988	26.542	152.1	0.622
276	7.126	33.989	26.805	148.3	0.681
300	6.998	34.011	26.840	143.3	0.698
328	6.798	34.051	26.899	138.0	0.732
350	6.656	34.083	26.743	134.1	0.765
376	6.567	34.118	26.781	130.8	0.799
400	6.068	34.090	26.825	126.5	0.830
428	6.147	34.147	26.880	123.6	0.863
450	5.942	34.159	26.896	120.4	0.892
476	5.775	34.180	26.933	117.0	0.923
500	5.653	34.189	26.955	115.1	0.951

PRESS	TRANS	FLUOR
0	0.43	0.073
8	0.42	0.069
10	0.42	0.067
16	0.42	0.070
20	0.42	0.071
26	0.44	0.068
30	0.42	0.069
36	0.46	0.137
40	0.46	0.171
46	0.48	0.364
50	0.54	0.537
60	0.44	0.271
70	0.43	0.407
80	0.41	0.360
90	0.39	0.248
100	0.38	0.168
126	0.36	0.089
150	0.37	0.057
176	0.37	0.067
200	0.37	0.059
226	0.37	0.058
250	0.36	0.063
276	0.36	0.057
300	0.36	0.069
326	0.36	0.074
350	0.36	0.070
376	0.36	0.074
400	0.36	0.075
426	0.36	0.075
450	0.36	0.073
476	0.36	0.072
500	0.36	0.077

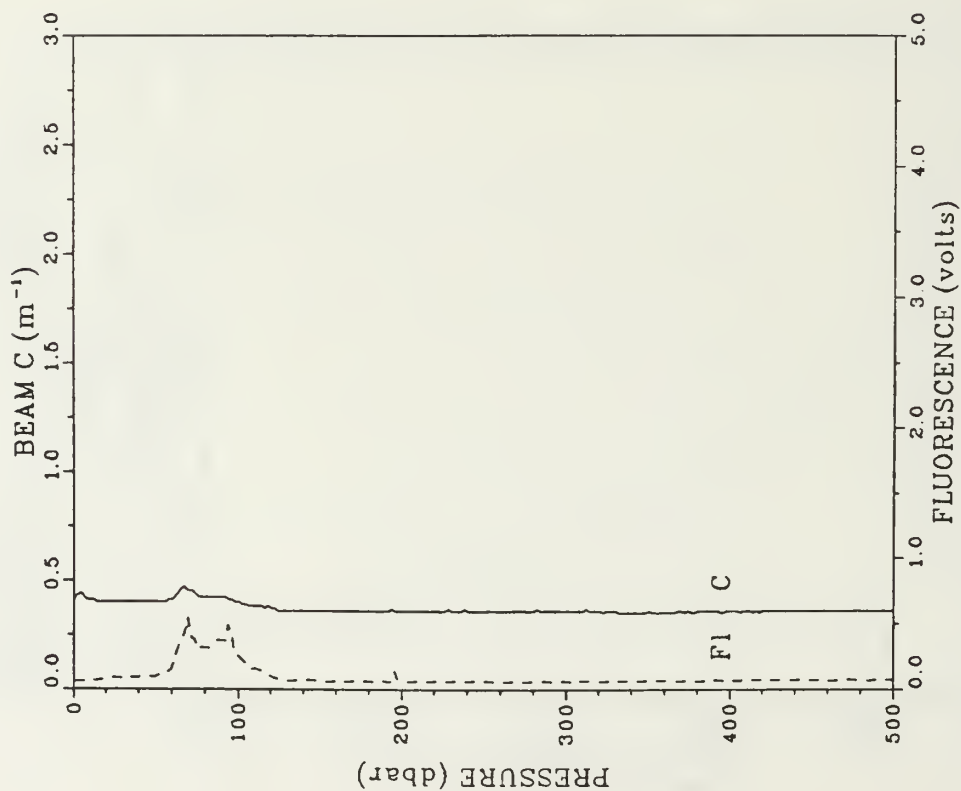


STATION: 242 LAT: 37 56.1 N LON: 125 15.8 W
 DATE: 7/16/88 TIME: 1206Z



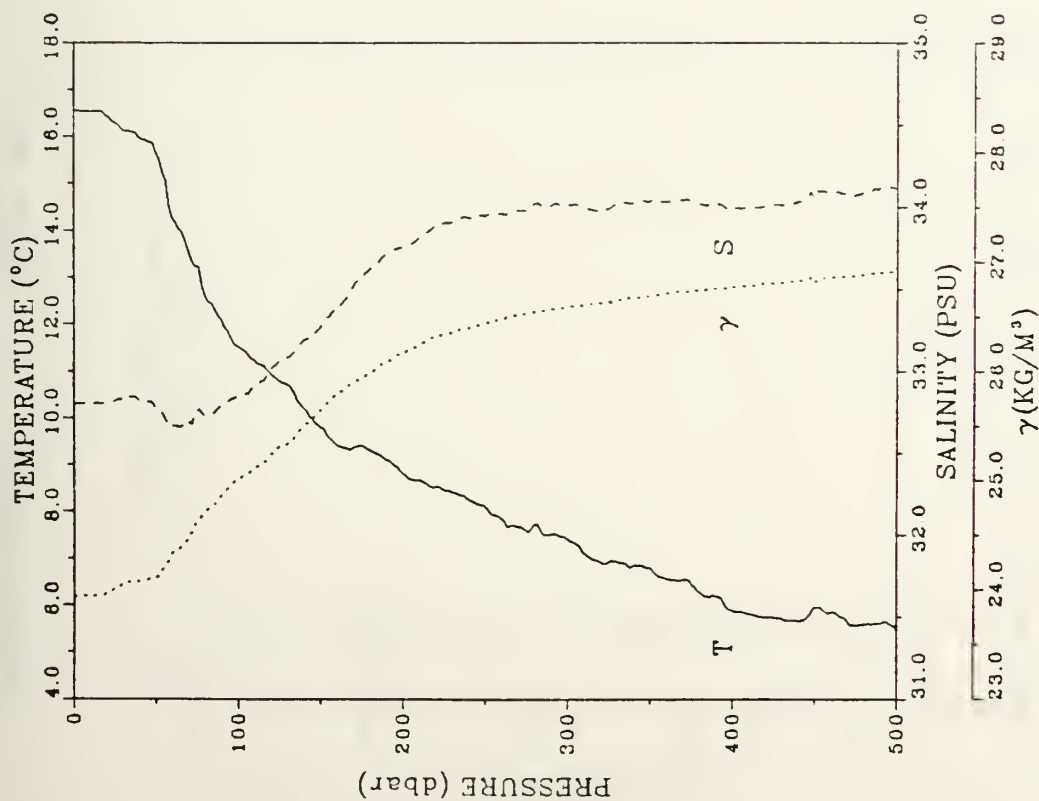
STATION: 243 LAT: 38 7.2 N LON: 125 24.1 W
 DATE: 7/16/88 TIME: 1430Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	16.618	32.781	23.902	399.5	0.000
6	16.609	32.786	23.907	399.0	0.020
10	16.561	32.799	23.928	397.2	0.036
18	15.927	32.924	24.169	374.4	0.059
20	15.837	32.918	24.184	373.0	0.074
26	15.808	32.924	24.195	372.1	0.096
30	15.798	32.935	24.206	371.2	0.111
36	15.780	32.947	24.219	370.1	0.133
40	15.778	32.947	24.220	370.2	0.148
46	15.775	32.947	24.220	370.3	0.170
50	15.766	32.944	24.220	370.5	0.185
60	14.726	32.837	24.364	356.9	0.222
70	12.653	32.713	24.690	325.9	0.256
80	12.005	32.838	24.910	305.1	0.287
90	11.418	32.848	25.024	294.4	0.317
100	11.109	32.916	25.134	284.1	0.346
128	10.496	33.128	25.407	258.6	0.417
150	9.629	33.410	25.772	224.1	0.475
178	9.225	33.689	26.041	199.1	0.530
200	8.748	33.848	26.255	179.1	0.575
226	8.234	33.930	26.399	165.6	0.620
250	7.937	33.964	26.470	159.2	0.659
278	7.442	33.970	26.546	152.1	0.698
300	7.158	33.978	26.591	148.1	0.735
328	7.047	34.022	26.642	143.5	0.773
350	6.886	34.031	26.671	141.0	0.807
376	6.387	34.024	26.732	135.3	0.843
400	6.160	34.050	26.782	130.7	0.875
428	6.095	34.105	26.834	128.1	0.909
450	5.783	34.094	26.868	123.0	0.939
476	5.458	34.104	26.911	118.7	0.970
500	5.554	34.158	26.943	116.2	0.998



PRESS	TRANS	FLUOR
1	0.41	0.055
6	0.43	0.057
10	0.41	0.082
16	0.40	0.069
20	0.40	0.074
26	0.40	0.080
30	0.40	0.086
36	0.40	0.091
40	0.40	0.091
46	0.40	0.097
50	0.40	0.096
60	0.41	0.157
70	0.45	0.543
80	0.42	0.323
90	0.42	0.372
100	0.40	0.250
128	0.36	0.075
150	0.36	0.059
176	0.36	0.064
200	0.36	0.064
226	0.36	0.060
250	0.36	0.058
276	0.36	0.059
300	0.36	0.058
326	0.36	0.064
350	0.36	0.063
376	0.35	0.062
400	0.36	0.063
426	0.36	0.068
450	0.36	0.069
476	0.36	0.069
500	0.36	0.072

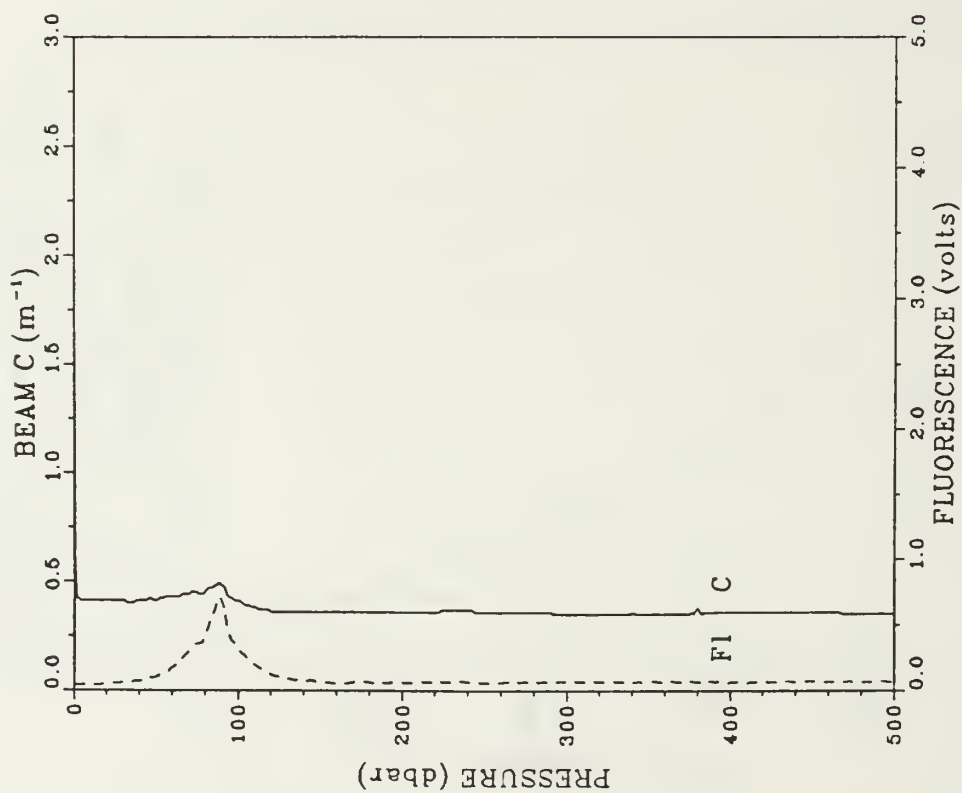
STATION: 243 LAT: 38 7.2 N LON: 125 24.1 W
 DATE: 7/16/88 TIME: 1430Z



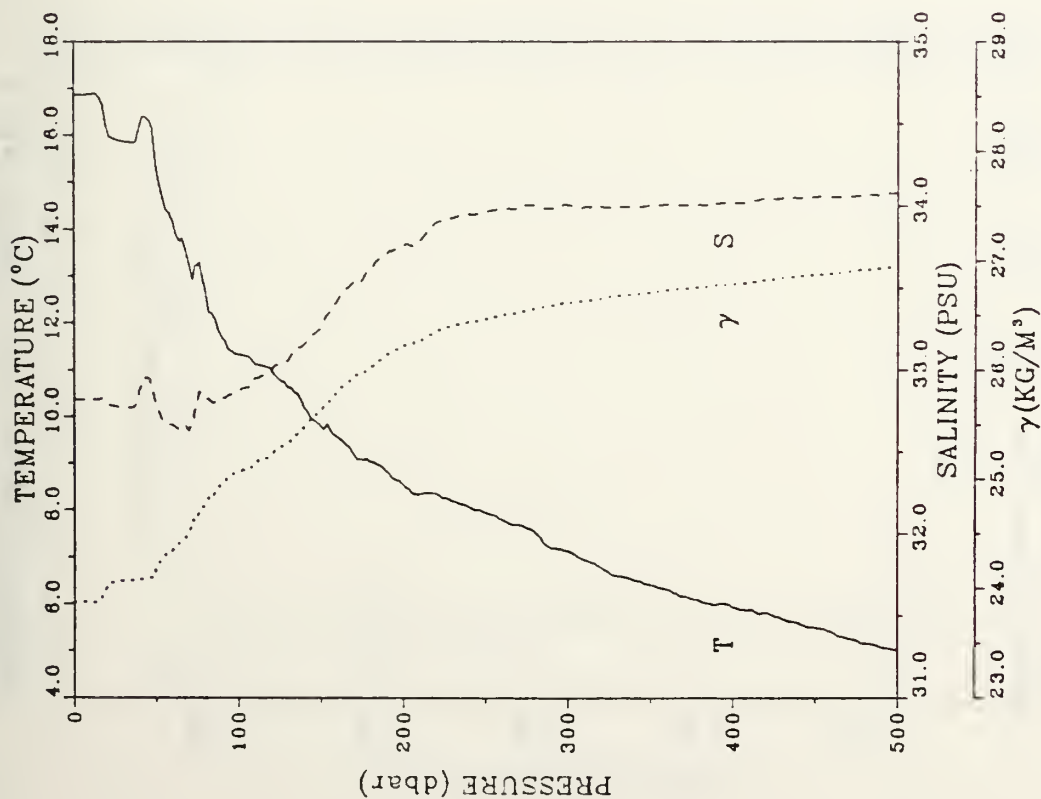
STATION: 244 LAT: 38 19.1 N LON: 125 32.9 W
DATE: 7/16/88 TIME: 1806Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	16.552	32.799	23.931	396.7	0.000
6	16.543	32.803	23.936	396.4	0.020
10	16.542	32.804	23.937	396.4	0.036
16	16.523	32.804	23.940	396.3	0.059
20	16.430	32.808	23.965	393.9	0.075
26	16.253	32.826	24.020	388.9	0.099
30	16.121	32.844	24.083	384.8	0.114
36	16.094	32.843	24.089	384.5	0.137
40	15.975	32.815	24.074	384.1	0.153
48	15.879	32.814	24.095	382.3	0.178
50	15.664	32.767	24.107	381.2	0.191
60	14.270	32.689	24.331	380.0	0.228
70	13.571	32.688	24.488	345.3	0.263
80	12.590	32.726	24.712	324.0	0.297
90	12.085	32.794	24.861	310.0	0.328
100	11.514	32.848	25.007	296.3	0.359
126	10.754	33.072	25.318	267.1	0.432
150	9.788	33.269	25.636	237.1	0.492
176	9.396	33.573	25.938	206.9	0.550
200	8.808	33.781	26.179	186.3	0.598
226	8.457	33.906	26.346	170.7	0.644
250	8.126	33.946	26.428	163.3	0.684
276	7.570	33.981	26.536	153.1	0.725
300	7.416	34.015	26.585	148.8	0.762
326	6.965	33.996	26.633	144.4	0.800
350	6.791	34.036	26.688	139.4	0.834
378	6.404	34.034	26.738	134.7	0.869
400	5.886	33.986	26.788	132.0	0.901
426	5.728	34.012	26.806	128.3	0.935
450	5.947	34.050	26.809	128.6	0.968
476	5.577	34.077	26.876	122.2	0.999
500	5.508	34.109	26.909	119.2	1.026

PRESS	TRANS	FLUOR
1	0.60	0.037
6	0.41	0.038
10	0.41	0.043
16	0.41	0.042
20	0.41	0.048
26	0.41	0.055
30	0.41	0.056
36	0.40	0.066
40	0.41	0.070
46	0.42	0.099
50	0.41	0.101
60	0.43	0.173
70	0.44	0.292
80	0.45	0.407
90	0.48	0.669
100	0.41	0.318
126	0.36	0.090
150	0.36	0.081
176	0.36	0.062
200	0.36	0.060
226	0.37	0.067
250	0.36	0.061
276	0.36	0.064
300	0.35	0.073
326	0.35	0.066
350	0.35	0.067
376	0.36	0.069
400	0.36	0.062
426	0.36	0.062
450	0.36	0.070
476	0.35	0.066
500	0.35	0.065



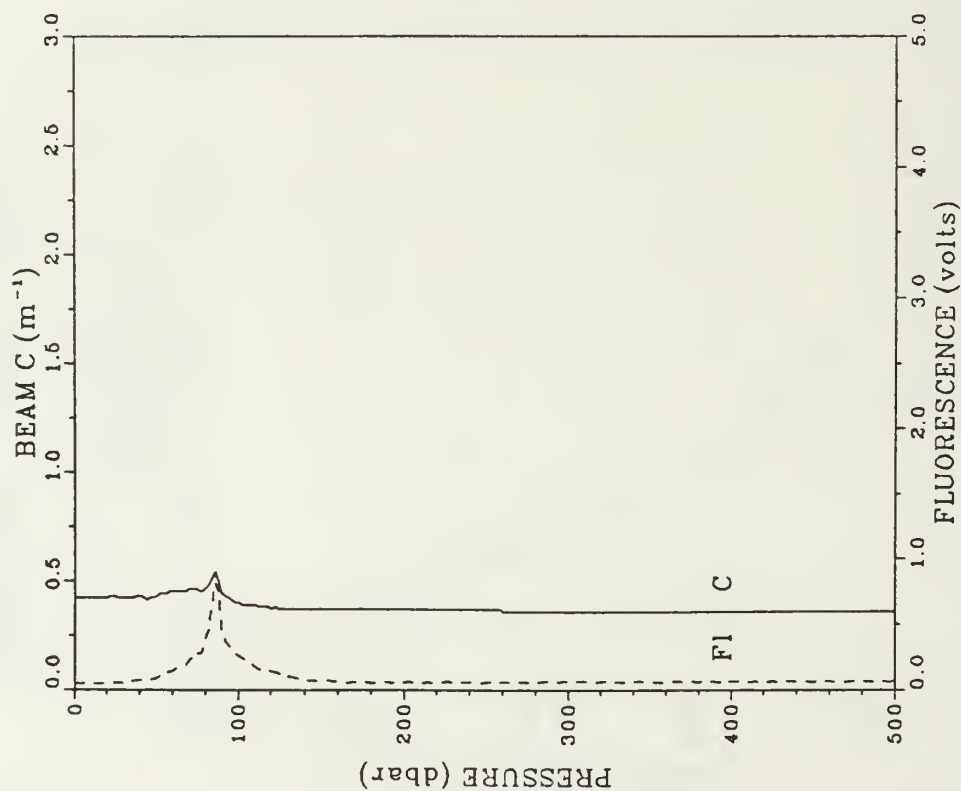
STATION: 244 LAT: 38 19.1 N LON: 125 32.9 W
 DATE: 7/16/88 TIME: 1806Z



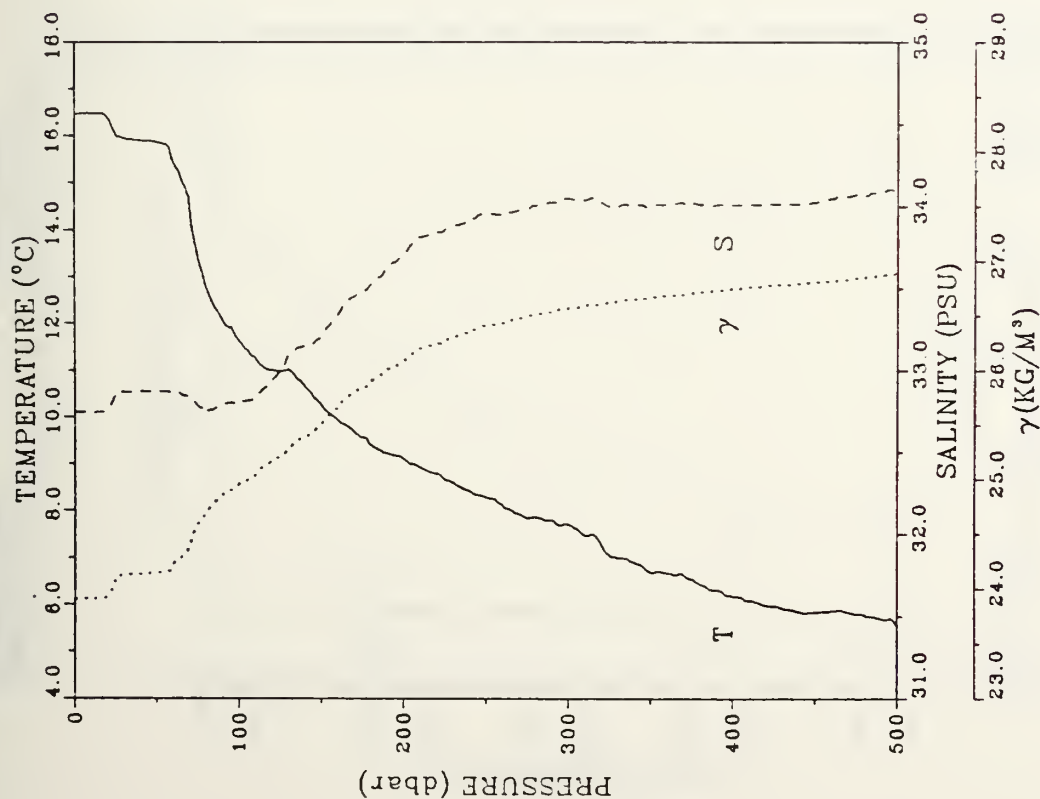
STATION: 245 LAT: 38 30.9 N LON: 125 41.1 W
 DATE: 7/16/88 TIME: 2211Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	16.868	32.818	23.872	402.3	0.000
6	16.868	32.818	23.872	402.4	0.024
10	16.887	32.818	23.868	403.0	0.040
16	16.791	32.821	23.892	400.8	0.064
20	16.202	32.797	24.009	389.8	0.080
26	15.096	32.772	24.059	385.2	0.103
30	15.870	32.767	24.061	385.1	0.119
36	15.648	32.771	24.069	384.5	0.142
40	16.162	32.870	24.074	384.1	0.157
48	16.297	32.937	24.095	382.3	0.160
50	15.329	32.782	24.192	373.1	0.195
60	14.187	32.662	24.343	358.9	0.232
70	13.291	32.627	24.498	344.2	0.267
80	12.748	32.824	24.757	319.7	0.300
90	11.701	32.823	24.955	301.0	0.331
100	11.314	32.871	25.062	290.9	0.361
128	10.760	33.042	25.294	269.4	0.434
150	9.800	33.251	25.620	238.6	0.495
176	9.074	33.557	25.977	205.1	0.552
200	8.559	33.754	26.212	183.1	0.599
226	8.263	33.920	26.387	166.8	0.644
250	7.961	33.962	26.465	159.7	0.684
278	7.615	34.002	26.547	152.2	0.724
300	7.137	34.004	26.616	145.7	0.760
328	6.652	33.990	26.670	140.6	0.797
350	6.417	34.002	26.711	136.9	0.830
378	6.098	34.005	26.754	132.9	0.866
400	5.934	34.018	26.785	130.2	0.897
428	5.732	34.043	26.830	126.1	0.930
450	5.494	34.052	26.866	122.7	0.960
476	5.215	34.058	26.904	119.2	0.992
500	5.003	34.078	26.944	115.4	1.020

PRESS	TRANS	FLUOR
0	0.42	0.046
6	0.42	0.048
10	0.42	0.045
16	0.42	0.047
20	0.42	0.051
28	0.42	0.054
30	0.42	0.054
36	0.42	0.065
40	0.43	0.072
48	0.42	0.070
50	0.43	0.092
60	0.45	0.147
70	0.46	0.210
80	0.48	0.368
90	0.44	0.451
100	0.40	0.281
126	0.37	0.112
150	0.37	0.065
176	0.37	0.057
200	0.37	0.055
226	0.37	0.062
250	0.37	0.057
276	0.36	0.059
300	0.36	0.062
326	0.36	0.062
350	0.36	0.062
376	0.36	0.064
400	0.36	0.064
426	0.36	0.061
450	0.36	0.059
476	0.36	0.067
500	0.36	0.063



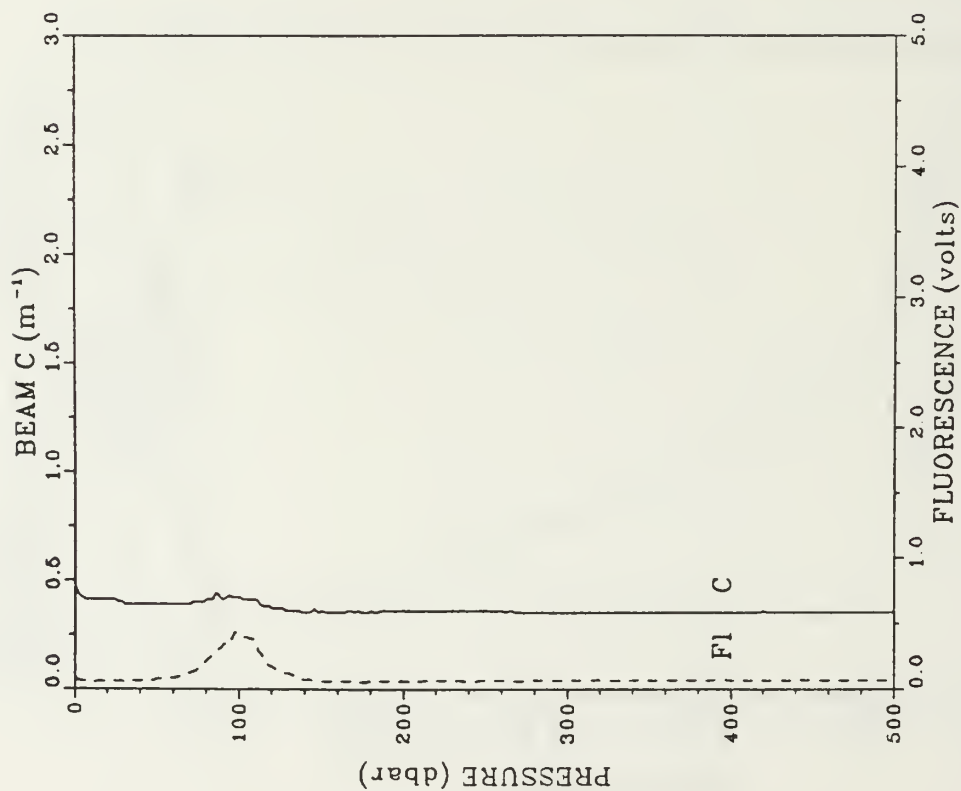
STATION: 245 LAT: 38 30.9 N LON: 125 41.1 W
 DATE: 7/16/88 TIME: 2211Z



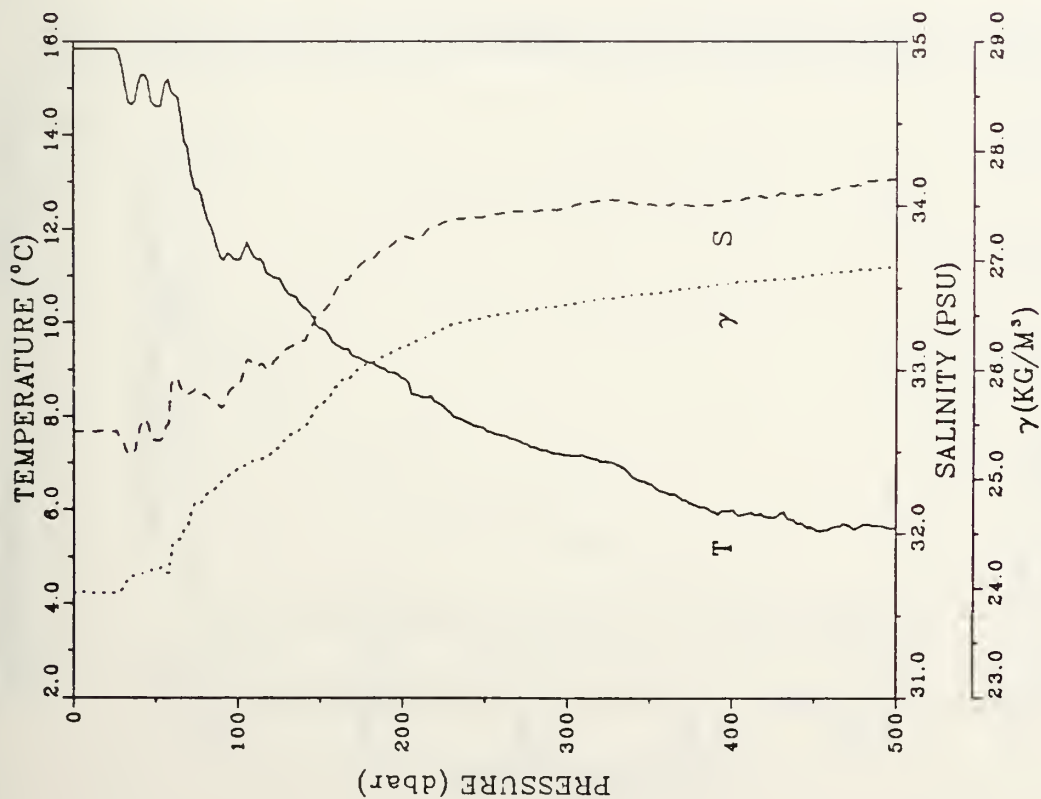
STATION: 253 LAT: 38 15.4 N LON: 125 59.6 W
 DATE: 7/17/88 TIME: 0418Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	16.472	32.742	23.905	399.1	0.000
6	16.479	32.745	23.906	399.2	0.020
10	16.479	32.745	23.908	399.3	0.036
16	16.480	32.745	23.908	399.5	0.060
20	16.419	32.759	23.930	397.3	0.076
26	15.900	32.869	24.114	379.9	0.099
30	15.946	32.867	24.120	379.4	0.114
36	15.921	32.869	24.128	378.9	0.137
40	15.906	32.889	24.131	378.7	0.152
46	15.892	32.870	24.135	378.5	0.175
50	15.868	32.869	24.140	378.1	0.190
60	15.510	32.871	24.221	370.8	0.228
70	14.718	32.832	24.363	357.3	0.264
80	12.797	32.737	24.881	327.0	0.298
90	12.107	32.793	24.856	310.5	0.330
100	11.638	32.809	24.855	301.2	0.361
126	10.994	33.005	25.224	278.1	0.436
150	10.277	33.203	25.503	249.9	0.499
176	9.568	33.490	25.845	217.7	0.560
200	9.119	33.898	28.080	195.7	0.609
226	8.663	33.863	26.281	177.0	0.658
250	8.300	33.958	28.411	164.9	0.699
276	7.849	33.982	28.497	157.0	0.740
300	7.717	34.047	28.587	150.7	0.777
328	7.024	34.000	28.628	144.9	0.816
350	6.686	33.995	26.670	141.0	0.850
376	6.557	34.019	26.706	137.9	0.886
400	6.178	34.006	28.745	134.2	0.919
426	5.963	34.014	28.778	131.2	0.954
450	5.831	34.022	26.801	129.2	0.985
476	5.795	34.071	28.844	125.4	1.018
500	5.562	34.093	28.890	121.1	1.047

PRESS	TRANS	FLUOR
1	0.47	0.075
6	0.41	0.059
10	0.41	0.055
18	0.41	0.060
20	0.41	0.060
28	0.40	0.058
30	0.39	0.050
38	0.39	0.062
40	0.39	0.061
48	0.39	0.068
50	0.39	0.074
60	0.39	0.082
70	0.39	0.117
80	0.41	0.210
90	0.41	0.319
100	0.42	0.417
128	0.37	0.133
150	0.38	0.080
178	0.35	0.055
200	0.36	0.061
226	0.38	0.063
250	0.38	0.063
276	0.35	0.062
300	0.35	0.067
328	0.35	0.062
350	0.35	0.066
378	0.35	0.065
400	0.35	0.065
428	0.35	0.064
450	0.35	0.065
476	0.35	0.065
500	0.35	0.063

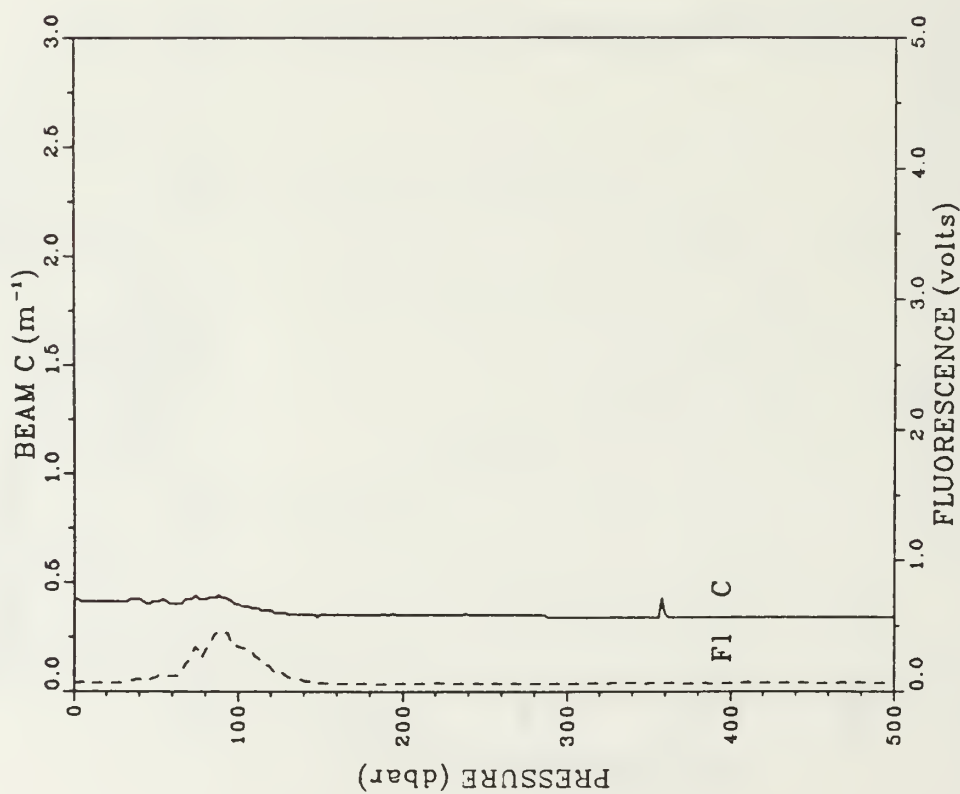


STATION: 253 LAT: 38 15.4 N LON: 125 59.6 W
 DATE: 7/17/88 TIME: 0418Z



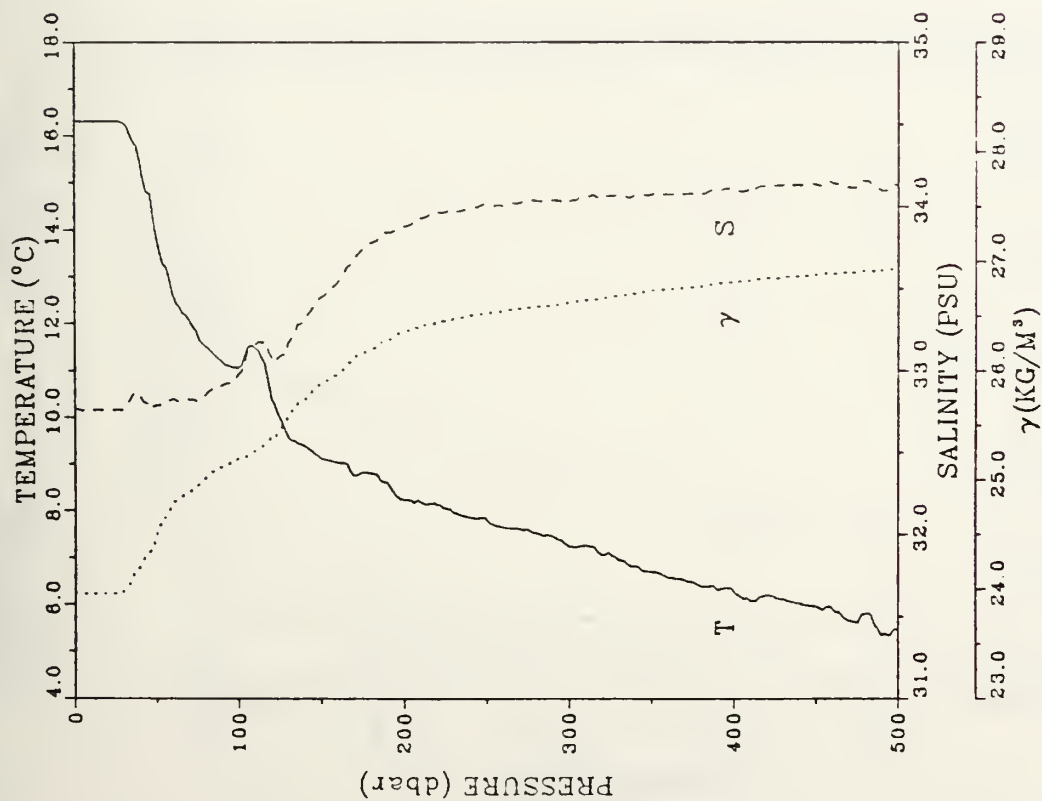
STATION: 254 LAT: 38 3.3 N LON: 125 50.8 W
DATE: 7/17/88 TIME: 0623Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.834	32.620	23.958	394.3	0.000
8	15.837	32.622	23.957	394.4	0.024
10	15.843	32.622	23.955	394.6	0.039
16	15.846	32.623	23.955	394.7	0.063
20	15.845	32.624	23.958	394.8	0.079
26	15.844	32.624	23.957	394.9	0.103
30	15.426	32.553	23.994	391.4	0.118
36	14.650	32.480	24.105	380.9	0.141
40	15.099	32.626	24.122	379.5	0.157
48	15.149	32.660	24.137	376.2	0.179
50	14.629	32.566	24.176	374.5	0.194
60	14.916	32.914	24.383	355.1	0.231
70	13.742	32.851	24.580	336.4	0.266
80	12.433	32.852	24.840	311.6	0.298
90	11.380	32.768	24.970	299.5	0.329
100	11.337	32.903	25.083	289.0	0.358
128	10.950	33.090	25.298	289.0	0.430
150	9.879	33.345	25.680	232.9	0.491
176	9.213	33.651	26.028	200.2	0.547
200	8.829	33.810	26.214	183.0	0.593
226	8.201	33.902	26.382	167.2	0.639
250	7.749	33.934	26.474	158.7	0.678
276	7.408	33.963	26.545	152.2	0.718
300	7.187	33.983	26.592	148.0	0.754
326	7.037	34.030	26.650	142.8	0.792
350	6.579	34.006	26.693	136.8	0.826
376	6.153	33.998	26.742	134.2	0.861
400	6.002	34.031	26.787	130.1	0.893
426	5.855	34.053	26.823	126.9	0.926
450	5.610	34.065	26.862	123.2	0.958
476	5.619	34.126	26.909	119.1	0.988
500	5.623	34.161	26.937	116.8	1.016



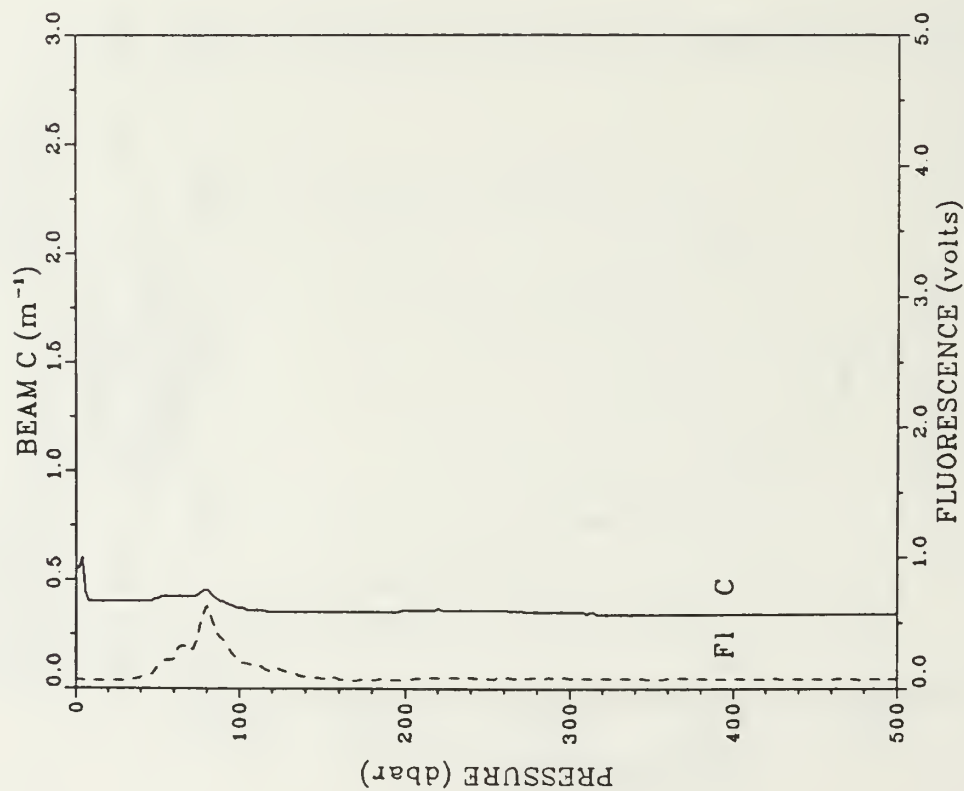
PRESS	TRANS	FLUOR
0	0.42	0.063
6	0.41	0.065
10	0.41	0.064
16	0.41	0.065
20	0.41	0.063
26	0.41	0.063
30	0.41	0.075
36	0.42	0.086
40	0.42	0.090
46	0.40	0.086
50	0.41	0.110
60	0.40	0.120
70	0.42	0.232
80	0.42	0.309
90	0.43	0.429
100	0.40	0.341
126	0.36	0.144
150	0.35	0.064
176	0.35	0.059
200	0.35	0.059
226	0.35	0.060
250	0.35	0.061
276	0.35	0.080
300	0.34	0.058
326	0.34	0.060
350	0.34	0.063
376	0.34	0.062
400	0.34	0.066
426	0.34	0.065
450	0.34	0.063
476	0.34	0.064
500	0.34	0.073

STATION: 254 LAT: 38 3.3 N LON: 125 50.8 W
 DATE: 7/17/88 TIME: 0623Z



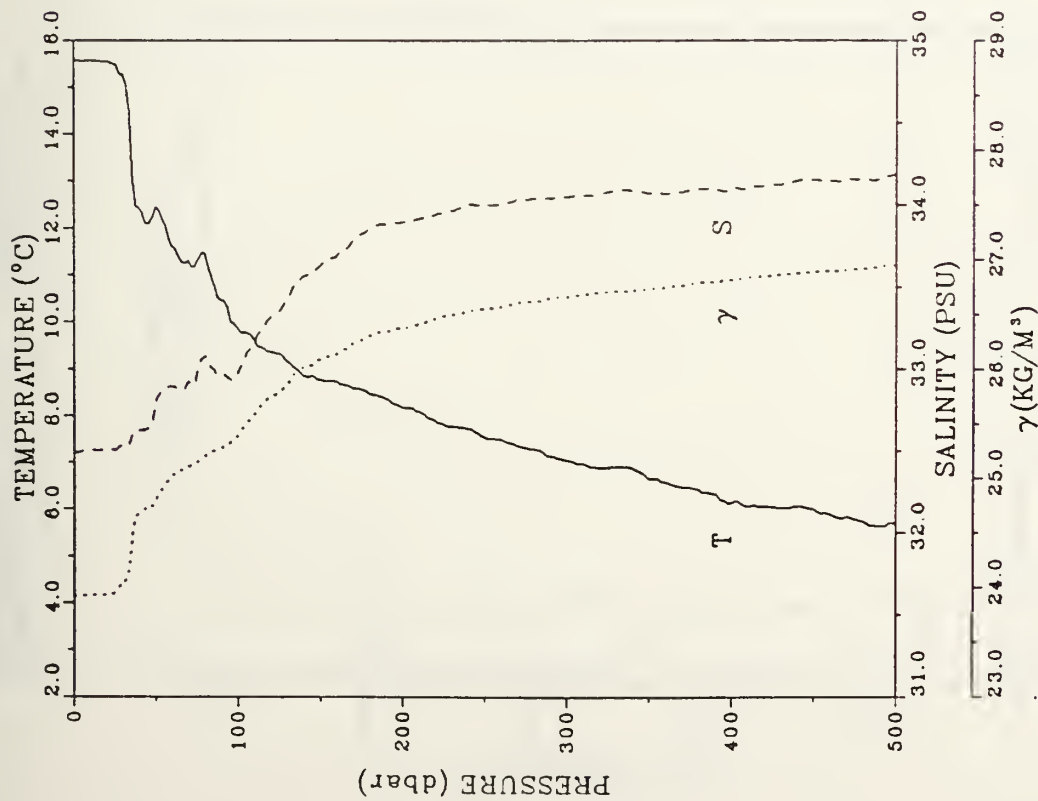
STATION: 255 LAT: 37 51.2 N LONG: 125 44.5 W
 DATE: 7/17/88 TIME: 0853Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	16.304	32.762	23.959	394.0	0.000
6	16.307	32.759	23.958	394.4	0.024
10	16.309	32.759	23.955	394.6	0.039
16	16.311	32.758	23.954	394.9	0.063
20	16.313	32.759	23.955	394.9	0.079
26	16.313	32.758	23.954	395.2	0.103
30	16.260	32.769	23.974	393.3	0.118
36	15.858	32.854	24.130	378.6	0.142
40	15.472	32.840	24.205	371.8	0.157
46	14.756	32.613	24.340	358.9	0.178
50	13.889	32.785	24.499	343.7	0.193
60	12.802	32.824	24.788	316.8	0.226
70	12.075	32.823	24.885	307.3	0.257
80	11.490	32.850	25.014	295.1	0.287
90	11.176	32.908	25.116	285.6	0.316
100	11.050	32.969	25.188	279.1	0.344
126	9.904	33.095	25.481	251.4	0.413
150	9.112	33.448	25.886	213.3	0.469
178	8.813	33.745	26.165	187.1	0.521
200	8.236	33.672	26.353	169.6	0.584
226	8.035	33.967	26.458	160.0	0.607
250	7.836	34.011	26.522	154.2	0.644
276	7.579	34.038	26.580	149.0	0.684
300	7.255	34.030	26.620	145.4	0.719
326	7.039	34.066	26.678	140.2	0.758
350	6.704	34.071	26.727	135.6	0.789
376	6.462	34.075	26.783	132.4	0.824
400	6.310	34.089	26.801	129.0	0.855
426	6.135	34.125	26.814	125.1	0.888
450	5.988	34.133	26.872	122.7	0.918
476	5.607	34.119	26.905	119.5	0.950
500	5.463	34.127	26.929	117.3	0.978



PRESS	TRANS	FLUOR
0	0.55	0.087
6	0.44	0.059
10	0.40	0.059
16	0.40	0.059
20	0.40	0.059
26	0.40	0.059
30	0.40	0.059
38	0.40	0.071
40	0.40	0.066
46	0.40	0.108
50	0.41	0.159
60	0.42	0.227
70	0.42	0.294
80	0.45	0.628
90	0.40	0.372
100	0.37	0.204
126	0.35	0.129
150	0.35	0.074
178	0.35	0.060
200	0.36	0.067
226	0.36	0.085
250	0.36	0.075
276	0.35	0.082
300	0.35	0.079
326	0.34	0.074
350	0.34	0.075
376	0.34	0.072
400	0.34	0.074
426	0.34	0.074
450	0.34	0.071
476	0.34	0.067
500	0.34	0.070

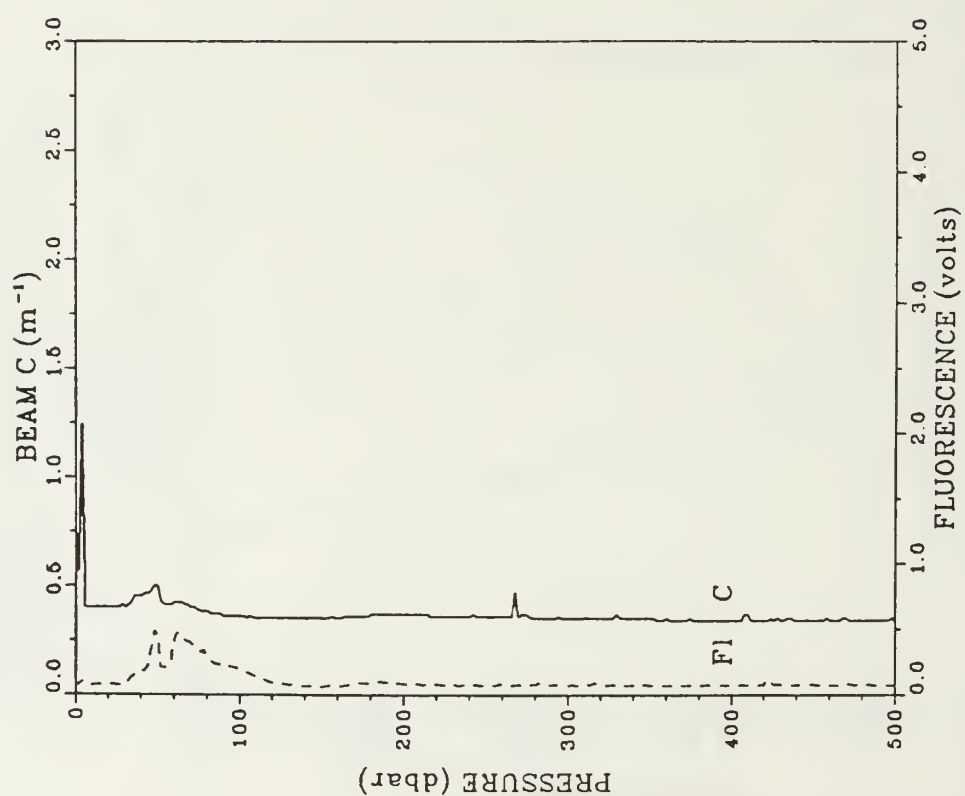
STATION: 255 LAT: 37 51.2 N LON: 125 44.5 W
DATE: 7/17/88 TIME: 0953Z



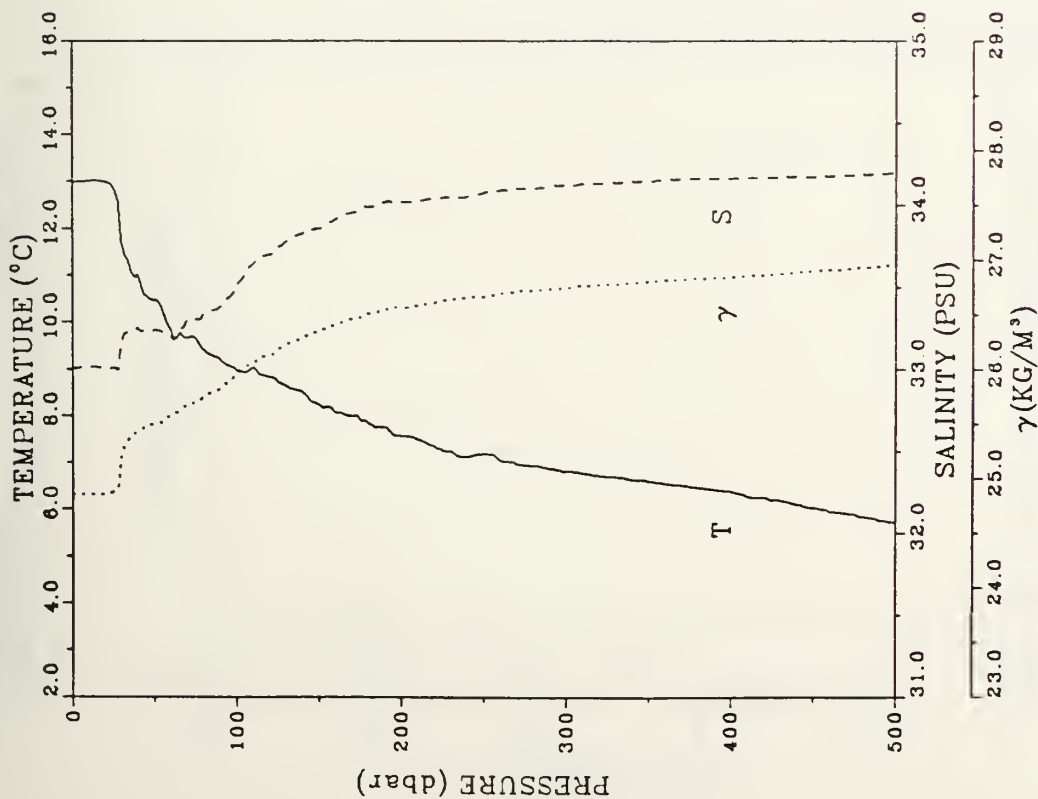
STATION: 855 LAT: 37 47.6 N LON: 125 41.0 W
 DATE: 7/17/88 TIME: 1023Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.581	32.469	23.915	398.1	0.000
6	15.585	32.501	23.924	397.5	0.024
10	15.568	32.500	23.923	397.7	0.040
16	15.553	32.501	23.928	397.5	0.064
20	15.548	32.500	23.927	397.6	0.080
26	15.457	32.510	23.954	395.1	0.103
30	15.269	32.523	24.008	390.3	0.119
36	13.089	32.607	24.523	341.1	0.141
40	12.428	32.623	24.684	327.7	0.154
48	12.078	32.637	24.740	320.5	0.174
50	12.434	32.611	24.808	314.2	0.186
60	11.607	32.892	25.026	293.6	0.217
70	11.308	32.921	25.103	286.5	0.248
80	11.439	33.076	25.201	277.4	0.274
90	10.454	32.954	25.278	270.1	0.301
100	9.655	32.978	25.398	256.6	0.328
128	9.298	33.360	25.767	222.2	0.390
150	8.749	33.632	26.067	194.1	0.440
176	8.550	33.826	26.289	177.2	0.469
200	8.178	33.895	26.380	167.0	0.530
226	7.790	33.956	26.487	157.1	0.572
250	7.557	33.995	26.549	151.5	0.609
278	7.320	34.034	26.614	145.7	0.648
300	7.055	34.047	26.681	141.4	0.682
328	6.915	34.080	26.708	137.4	0.718
350	6.656	34.067	26.731	135.3	0.751
376	6.458	34.091	26.776	131.2	0.788
400	6.148	34.091	26.818	127.5	0.817
428	6.050	34.122	26.853	124.2	0.850
450	5.983	34.152	26.885	121.5	0.879
476	5.781	34.151	26.909	119.3	0.910
500	5.703	34.164	26.945	116.1	0.939

PRESS	TRANS	FLUOR
0	0.57	0.073
8	0.40	0.072
10	0.40	0.072
18	0.40	0.072
20	0.40	0.070
28	0.40	0.077
30	0.40	0.079
38	0.45	0.149
40	0.45	0.183
48	0.47	0.319
50	0.49	0.428
80	0.42	0.398
70	0.40	0.398
80	0.38	0.281
90	0.38	0.234
100	0.38	0.191
128	0.35	0.066
150	0.35	0.061
178	0.38	0.089
200	0.37	0.081
228	0.38	0.073
250	0.38	0.073
278	0.38	0.075
300	0.35	0.071
328	0.35	0.075
350	0.35	0.071
378	0.34	0.088
400	0.34	0.071
428	0.34	0.079
450	0.34	0.074
478	0.34	0.073
500	0.34	0.071

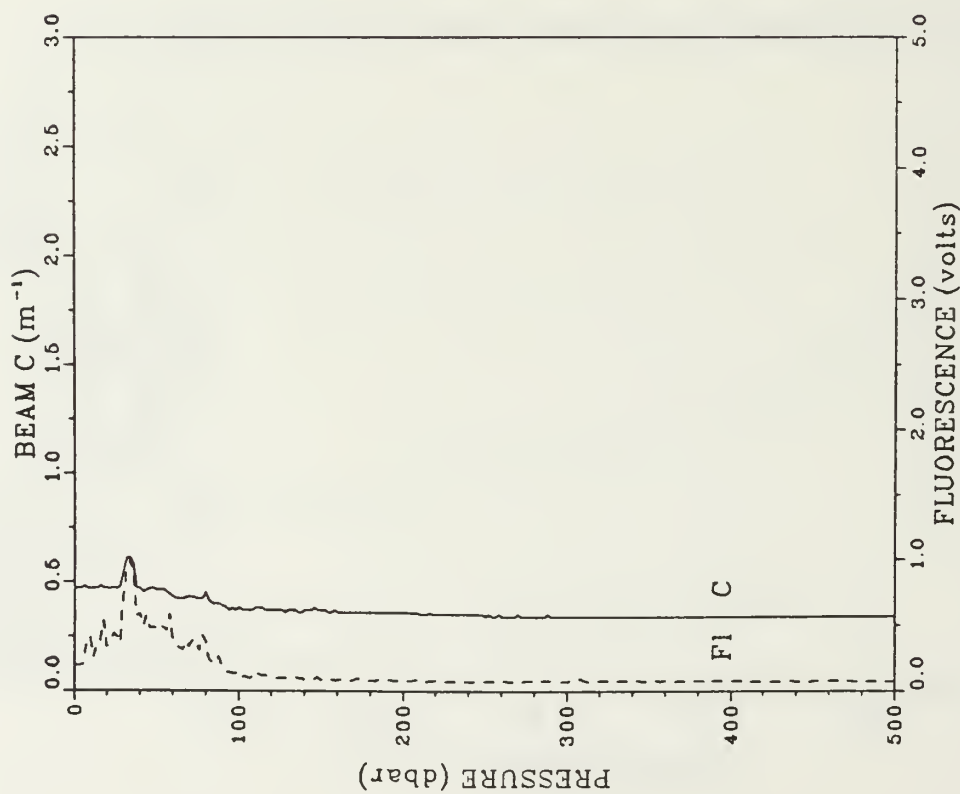


STATION: 855 LAT: 37 47.8 N LON: 125 41.0 W
 DATE: 7/17/88 TIME: 1023Z



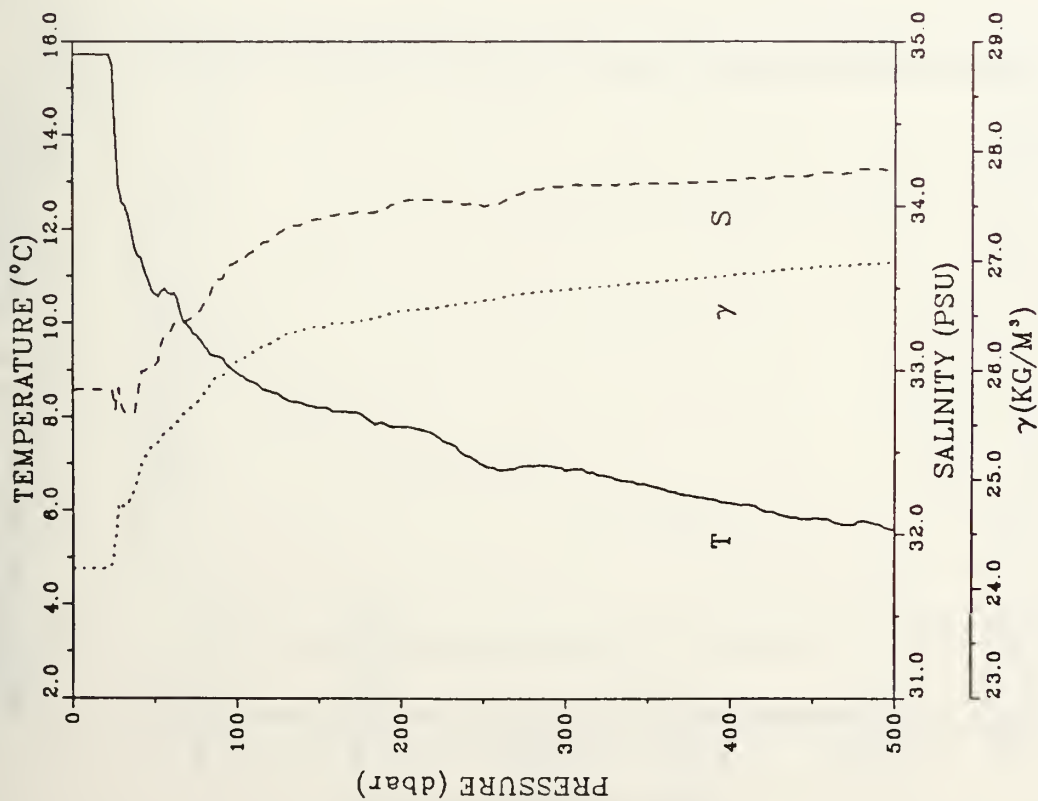
STATION: 256 LAT: 37 39.1 N LON: 125 33.7 W
 DATE: 7/17/88 TIME: 1548Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	12.998	33.002	24.848	309.4	0.000
6	12.996	33.010	24.853	308.9	0.019
10	13.012	33.012	24.851	309.2	0.031
18	13.005	33.009	24.850	309.4	0.049
20	12.986	33.008	24.853	309.2	0.062
26	12.801	33.003	24.886	308.3	0.080
30	11.707	33.153	25.210	275.5	0.092
36	11.088	33.233	25.385	258.9	0.108
40	11.010	33.254	25.415	258.2	0.118
48	10.527	33.233	25.483	249.7	0.133
50	10.475	33.236	25.494	248.7	0.143
60	9.846	33.200	25.573	241.4	0.168
70	9.861	33.291	25.674	231.9	0.192
80	9.407	33.333	25.748	225.1	0.214
90	9.217	33.378	25.814	219.0	0.237
100	8.960	33.511	25.959	205.4	0.258
126	8.701	33.746	26.163	184.5	0.309
150	8.243	33.854	26.338	170.1	0.351
176	7.867	33.969	26.481	156.9	0.394
200	7.572	34.019	26.566	149.1	0.430
226	7.268	34.047	26.631	143.2	0.468
250	7.210	34.078	26.682	140.8	0.502
276	6.964	34.102	26.717	135.7	0.538
300	6.831	34.120	26.749	133.0	0.571
328	6.717	34.135	26.778	130.7	0.605
350	6.606	34.147	26.800	128.7	0.636
376	6.469	34.158	26.824	126.6	0.669
400	6.377	34.162	26.842	125.2	0.699
426	6.207	34.167	26.868	122.9	0.732
450	6.036	34.171	26.893	120.8	0.761
476	5.865	34.180	26.919	116.4	0.792
500	5.709	34.195	26.953	115.4	0.820



PRESS	TRANS	FLUOR
0	0.47	0.194
8	0.48	0.213
10	0.47	0.408
16	0.48	0.368
20	0.47	0.333
26	0.47	0.407
30	0.55	0.733
36	0.58	0.902
40	0.47	0.587
46	0.47	0.474
50	0.46	0.476
60	0.43	0.390
70	0.43	0.338
80	0.45	0.373
90	0.39	0.195
100	0.38	0.141
126	0.37	0.094
150	0.37	0.083
176	0.36	0.065
200	0.36	0.078
226	0.35	0.072
250	0.34	0.072
276	0.34	0.074
300	0.34	0.073
326	0.34	0.078
350	0.34	0.078
376	0.34	0.080
400	0.34	0.075
426	0.34	0.073
450	0.34	0.075
476	0.34	0.073
500	0.34	0.070

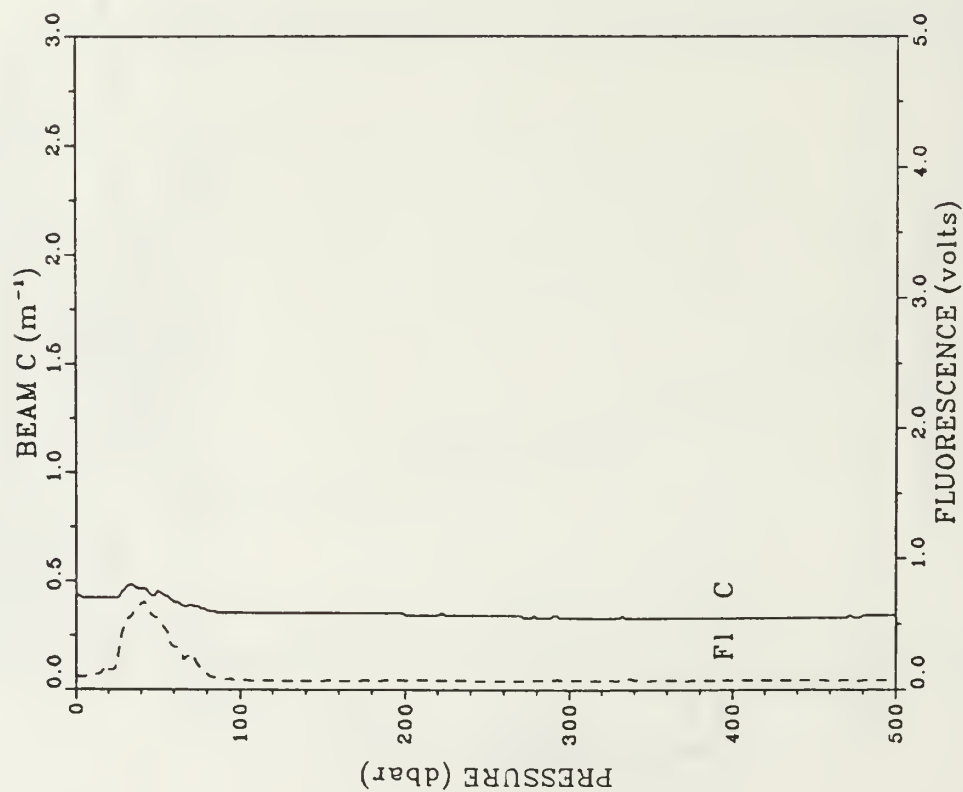
STATION: 256 LAT: 37 39.1 N LON: 125 33.7 W
 DATE: 7/17/88 TIME: 1548Z



STATION: 257 LAT: 37 27.6 N LON: 125 24.0 W
 DATE: 7/17/88 TIME: 1753Z

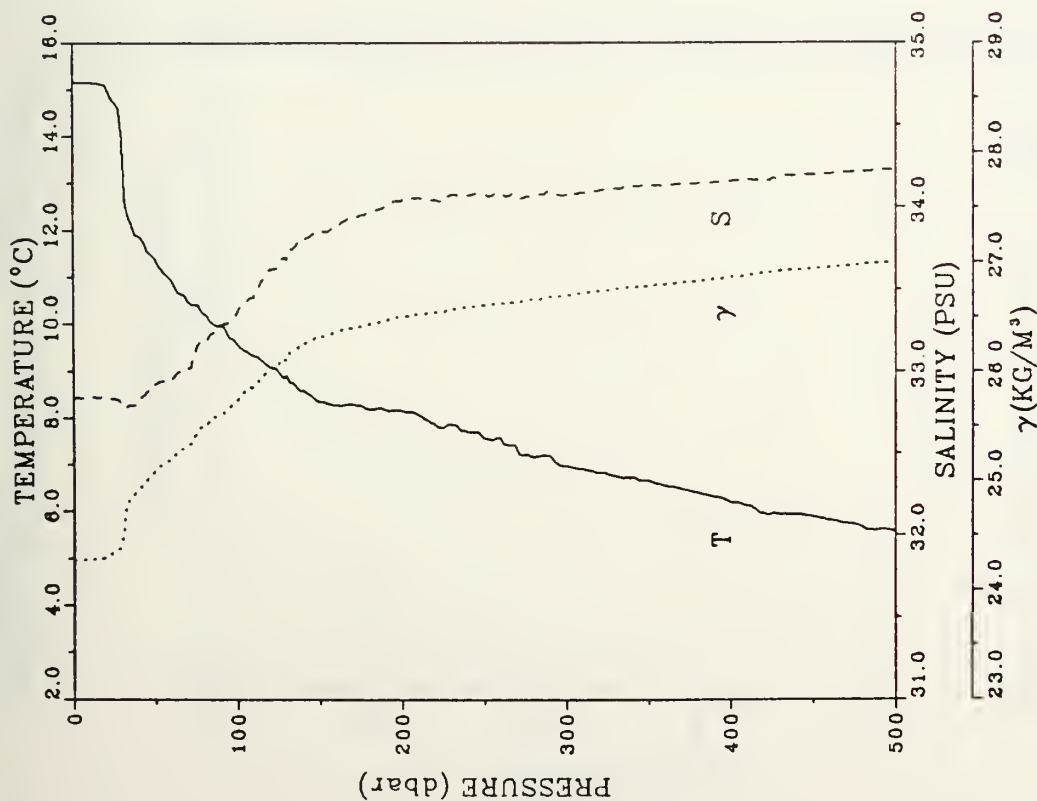
PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.719	32.877	24.179	373.0	0.000
6	15.723	32.880	24.180	373.0	0.019
10	15.724	32.879	24.179	373.2	0.034
18	15.728	32.880	24.180	373.4	0.058
20	15.728	32.880	24.180	373.5	0.071
28	13.989	32.758	24.456	347.2	0.093
30	12.555	32.771	24.754	318.9	0.108
36	11.981	32.739	24.841	310.7	0.125
40	11.431	32.870	25.041	291.8	0.137
48	10.914	33.011	25.243	272.8	0.154
50	10.619	33.023	25.304	268.9	0.165
60	10.808	33.236	25.471	251.1	0.190
70	9.968	33.302	25.632	238.0	0.215
80	9.522	33.408	25.788	221.3	0.238
90	9.260	33.554	25.945	206.8	0.259
100	8.945	33.658	26.076	194.2	0.279
126	8.456	33.839	26.294	174.0	0.327
150	8.205	33.920	26.395	184.7	0.368
178	8.057	33.968	26.454	159.8	0.410
200	7.795	34.029	26.542	151.5	0.447
226	7.491	34.025	26.582	147.9	0.486
250	6.980	34.000	26.634	143.2	0.521
276	6.969	34.087	26.704	138.9	0.557
300	6.859	34.115	26.741	133.7	0.590
328	6.732	34.124	26.785	131.7	0.624
350	6.540	34.138	26.800	128.6	0.656
376	6.314	34.138	26.832	125.8	0.689
400	6.155	34.153	26.864	123.0	0.718
428	5.965	34.174	26.905	119.3	0.750
450	5.830	34.191	26.935	116.8	0.778
476	5.707	34.204	26.960	114.4	0.808
500	5.587	34.222	26.989	111.8	0.835

PRESS	TRANS	FLUOR
1	0.44	0.099
6	0.42	0.101
10	0.42	0.118
16	0.42	0.132
20	0.42	0.149
28	0.42	0.277
30	0.46	0.491
36	0.47	0.602
40	0.48	0.661
48	0.43	0.565
50	0.45	0.549
60	0.40	0.324
70	0.39	0.268
80	0.36	0.121
90	0.35	0.078
100	0.35	0.073
126	0.35	0.063
150	0.35	0.067
176	0.35	0.068
200	0.34	0.067
226	0.34	0.071
250	0.34	0.064
276	0.33	0.070
300	0.33	0.070
326	0.33	0.069
350	0.33	0.068
376	0.33	0.069
400	0.33	0.069
426	0.33	0.073
450	0.33	0.069
476	0.33	0.067
500	0.34	0.069



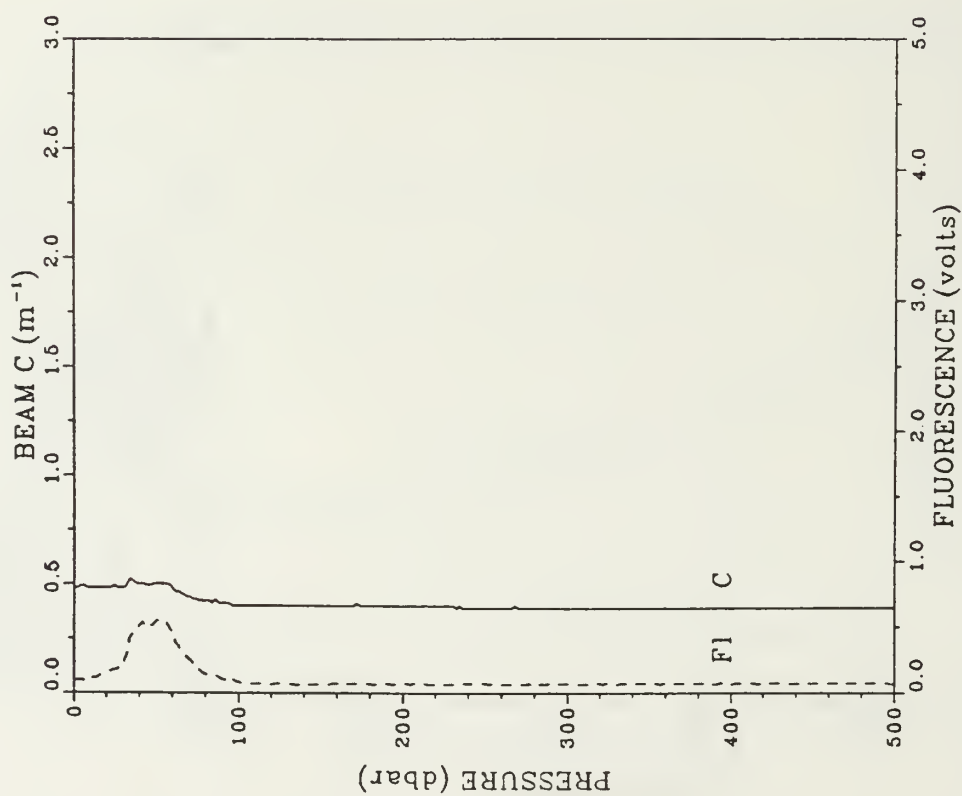
STATION: 257 LAT: 37 27.6 N LON: 125 24.0 W
 DATE: 7/17/88 TIME: 1753Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.152	32.836	24.272	364.1	0.000
6	15.153	32.837	24.273	364.2	0.022
10	15.160	32.837	24.271	364.5	0.038
16	15.124	32.838	24.278	364.0	0.058
20	15.076	32.838	24.290	362.9	0.073
28	14.696	32.826	24.362	356.2	0.094
30	13.982	32.786	24.481	344.9	0.108
36	12.135	32.791	24.649	309.9	0.128
40	11.677	32.806	24.911	304.2	0.140
48	11.535	32.879	25.029	293.0	0.158
50	11.389	32.922	25.089	287.4	0.170
60	10.955	32.949	25.167	276.2	0.198
70	10.498	33.015	25.318	265.9	0.225
80	10.207	33.192	25.508	246.2	0.251
90	9.965	33.264	25.800	239.5	0.275
100	9.602	33.349	25.729	227.3	0.299
126	8.946	33.666	26.084	194.0	0.354
150	8.349	33.846	26.317	172.1	0.397
178	6.263	33.953	26.413	163.5	0.441
200	6.149	34.044	26.501	155.5	0.479
226	7.809	34.043	26.551	151.1	0.519
250	7.577	34.072	26.607	146.0	0.555
276	7.246	34.067	26.650	142.2	0.592
300	6.993	34.075	26.691	136.5	0.626
328	6.799	34.107	26.743	133.9	0.661
350	6.659	34.130	26.760	130.6	0.693
376	6.437	34.140	26.817	127.3	0.727
400	6.204	34.156	26.880	123.4	0.757
426	5.973	34.173	26.903	119.5	0.766
450	5.881	34.195	26.932	117.0	0.817
476	5.716	34.212	26.965	113.9	0.847
500	5.572	34.231	26.998	111.0	0.874

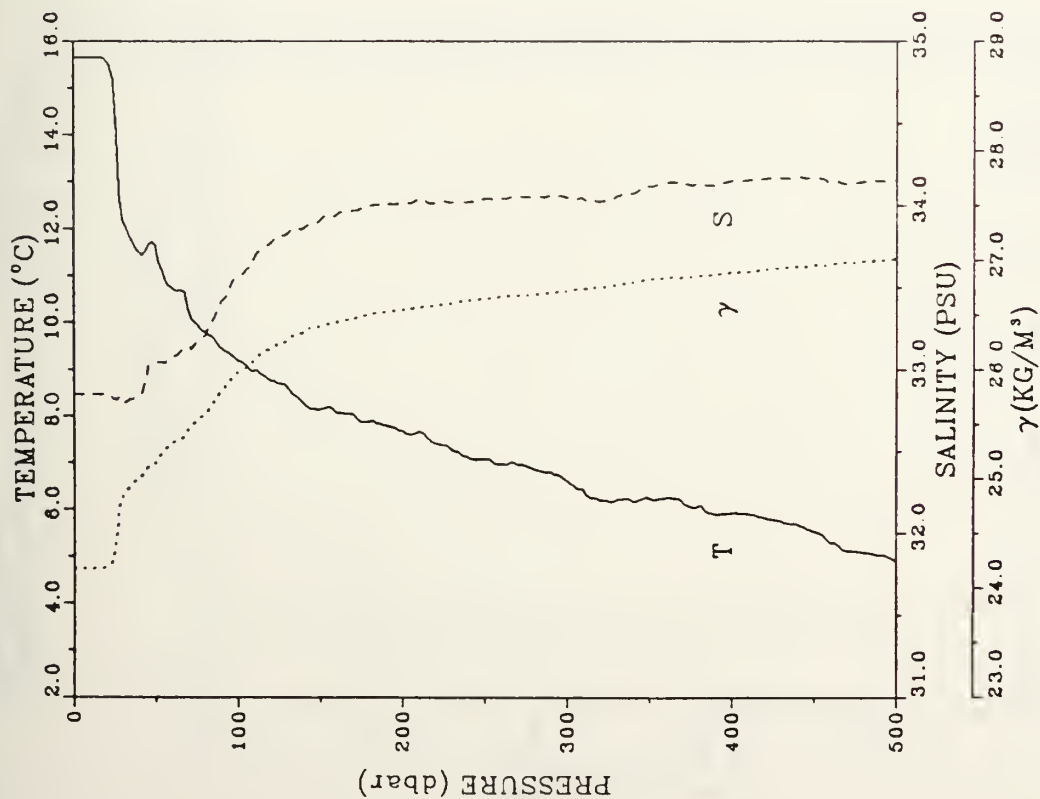


STATION: 258 LAT: 37 16.6 N LON: 125 16.6 W
DATE: 7/17/88 TIME: 1953Z

PRESS	TRANS	FLUOR
0	0.48	0.094
6	0.49	0.092
10	0.48	0.091
16	0.48	0.132
20	0.48	0.141
26	0.48	0.178
30	0.48	0.205
36	0.51	0.452
40	0.50	0.514
46	0.49	0.513
50	0.50	0.548
60	0.48	0.459
70	0.44	0.255
80	0.42	0.140
90	0.41	0.103
100	0.40	0.080
126	0.40	0.071
150	0.40	0.066
176	0.40	0.069
200	0.40	0.069
226	0.40	0.063
250	0.39	0.073
276	0.39	0.068
300	0.39	0.073
326	0.39	0.068
350	0.39	0.068
376	0.39	0.068
400	0.39	0.067
426	0.39	0.075
450	0.39	0.069
476	0.39	0.070
500	0.39	0.066

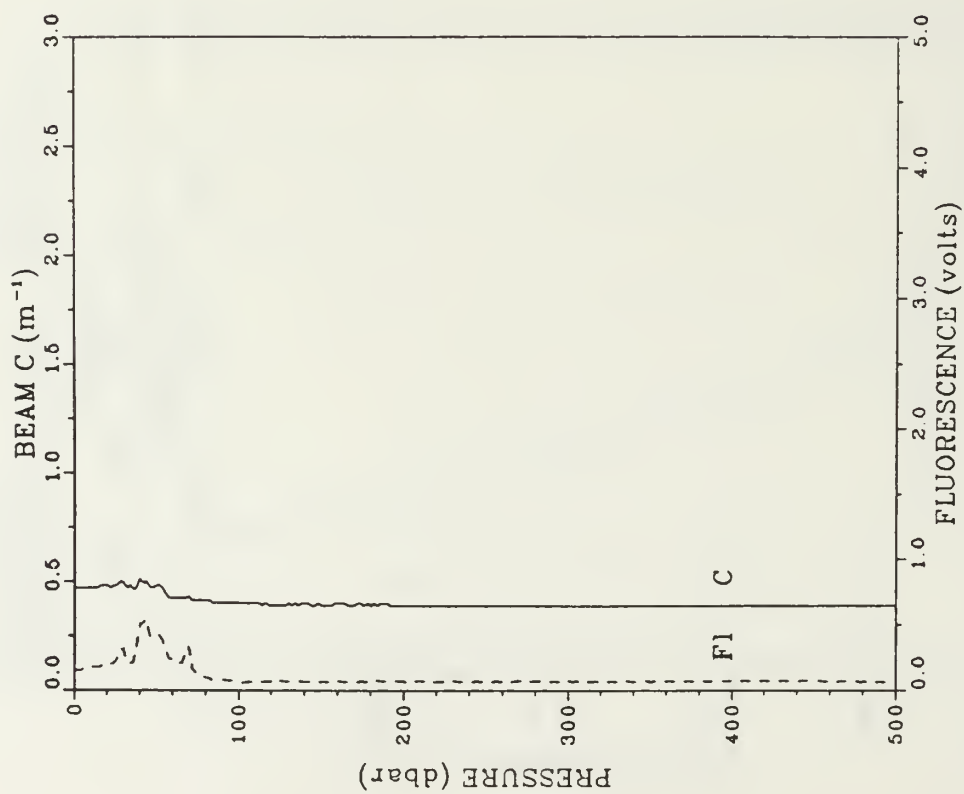


STATION: 258 LAT: 37 16.6 N LON: 125 16.6 W
 DATE: 7/17/88 TIME: 1953Z



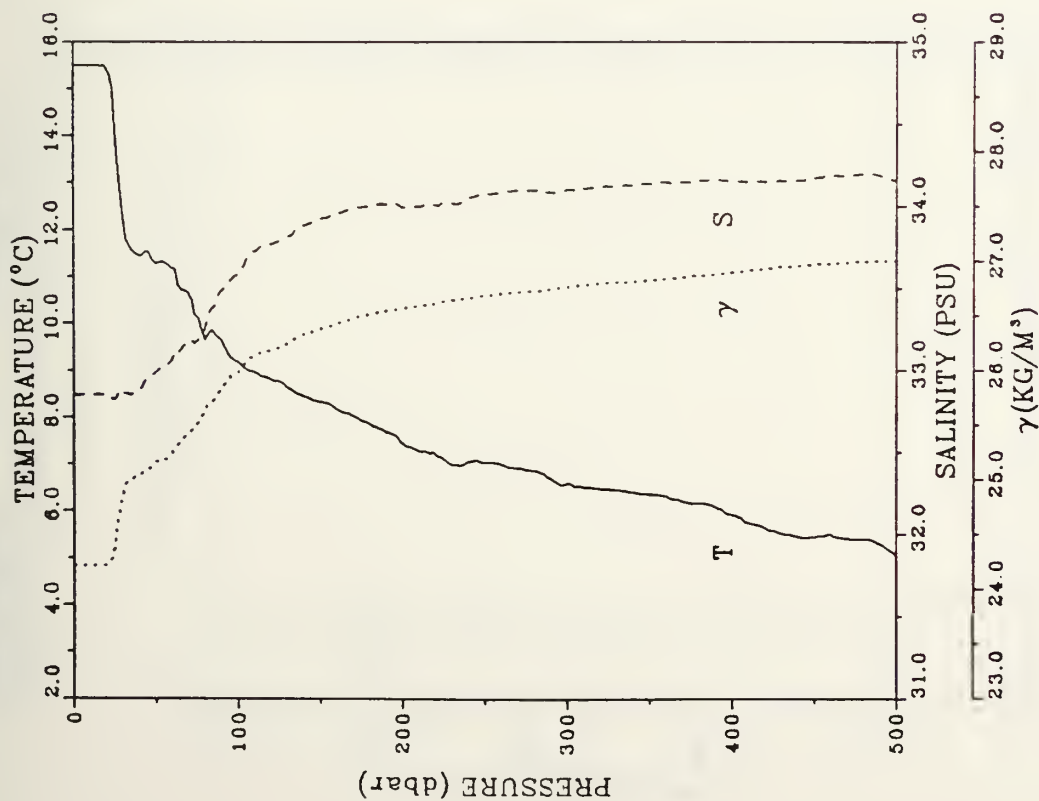
STATION: 858 LAT: 37 2.1 N LON: 125 35.9 W
DATE: 7/17/88 TIME: 2400Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.648	32.847	24.172	373.7	0.000
8	15.850	32.847	24.171	373.9	0.022
10	15.652	32.848	24.171	374.0	0.037
18	15.842	32.848	24.174	373.9	0.060
20	15.585	32.847	24.188	372.9	0.075
28	14.120	32.814	24.474	345.5	0.098
30	12.169	32.769	24.841	310.6	0.109
38	11.723	32.617	24.948	300.7	0.128
40	11.490	32.841	25.007	294.9	0.140
48	11.888	33.023	25.113	285.0	0.157
50	11.638	33.043	25.137	282.8	0.168
80	10.734	33.071	25.321	265.5	0.198
70	10.275	33.140	25.454	253.0	0.222
60	9.782	33.200	25.563	240.8	0.248
90	9.445	33.418	25.807	219.7	0.269
100	9.177	33.571	25.972	204.2	0.291
128	8.683	33.816	26.241	179.0	0.341
150	8.148	33.908	26.395	164.7	0.382
178	7.870	33.978	26.489	156.1	0.423
200	7.885	34.005	26.542	151.5	0.480
226	7.374	34.024	26.598	146.4	0.499
250	7.068	34.041	26.651	141.6	0.534
278	6.923	34.053	26.684	138.8	0.570
300	6.818	34.047	26.720	135.5	0.603
328	6.181	34.031	26.764	131.4	0.638
350	6.250	34.116	26.822	126.3	0.669
376	6.053	34.121	26.852	123.7	0.701
400	5.932	34.148	26.888	120.5	0.730
428	5.784	34.166	26.921	117.6	0.781
450	5.532	34.184	26.950	114.9	0.789
478	5.102	34.134	26.977	112.2	0.819
500	4.901	34.148	27.011	109.0	0.845



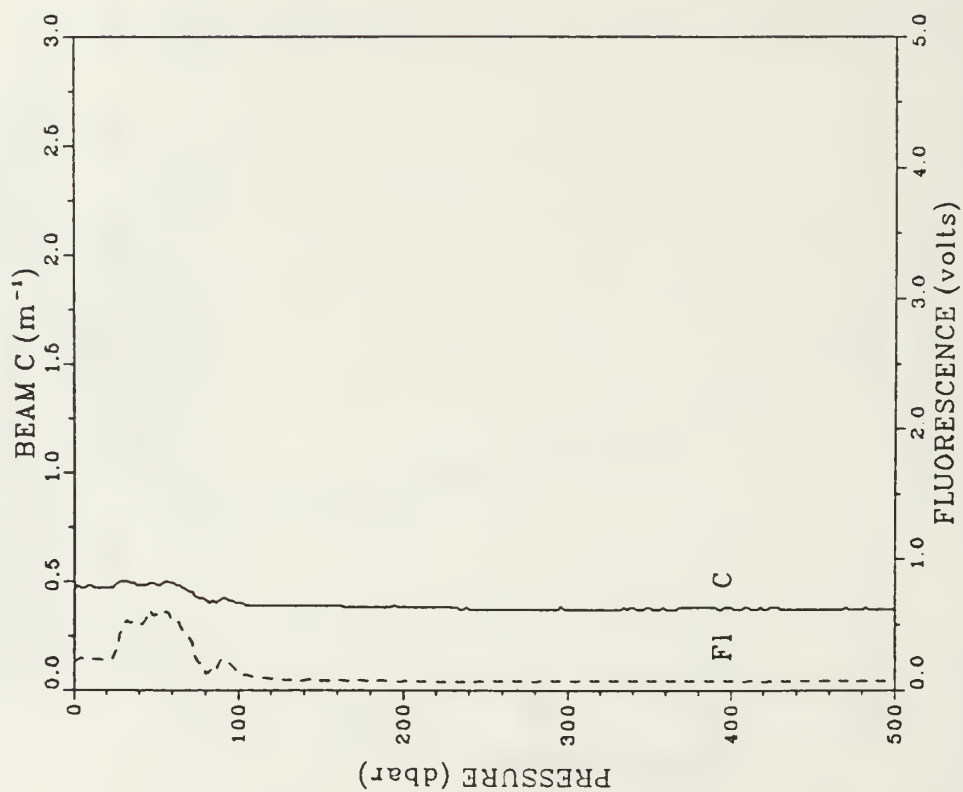
PRESS	TRANS	FLUOR
0	0.47	0.149
8	0.47	0.183
10	0.47	0.173
18	0.48	0.182
20	0.48	0.195
28	0.48	0.233
30	0.49	0.314
38	0.48	0.207
40	0.51	0.505
48	0.47	0.410
50	0.48	0.428
60	0.42	0.234
70	0.43	0.330
80	0.41	0.098
90	0.40	0.078
100	0.40	0.065
128	0.39	0.088
150	0.39	0.080
178	0.39	0.083
200	0.39	0.088
228	0.39	0.087
250	0.39	0.088
278	0.39	0.070
300	0.39	0.089
328	0.39	0.088
350	0.39	0.087
378	0.39	0.088
400	0.39	0.072
428	0.39	0.068
450	0.39	0.087
476	0.39	0.065
500	0.39	0.084

STATION: 858 LAT: 37 2.1 N LON: 125 35.9 W
 DATE: 7/17/88 TIME: 2400Z



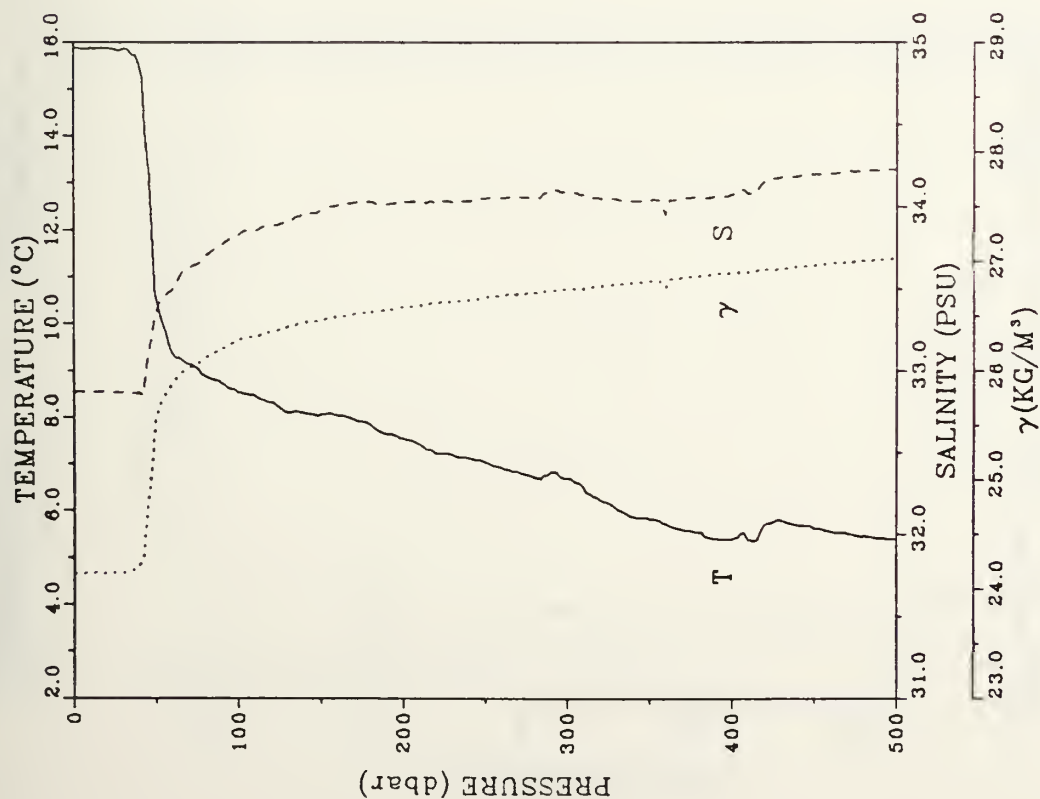
STATION: 259 LAT: 37 13.3 N LON: 125 43.6 W
DATE: 7/18/88 TIME: 0253Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.490	32.650	24.209	370.2	0.000
6	15.497	32.650	24.207	370.4	0.019
10	15.498	32.849	24.207	370.6	0.033
16	15.487	32.649	24.209	370.6	0.056
20	15.450	32.654	24.221	369.5	0.070
26	13.770	32.831	24.559	337.4	0.092
30	12.318	32.657	24.868	308.2	0.104
36	11.546	32.654	25.007	294.9	0.123
40	11.447	32.880	25.045	291.3	0.134
46	11.536	32.964	25.094	286.8	0.152
50	11.274	32.986	25.161	280.5	0.163
60	11.178	33.064	25.237	273.5	0.191
70	10.656	33.182	25.421	256.1	0.217
80	9.653	33.246	25.642	235.2	0.242
90	9.641	33.464	25.628	217.7	0.264
100	9.176	33.580	25.978	203.6	0.265
126	6.755	33.786	26.206	162.3	0.336
150	8.323	33.921	26.378	166.3	0.377
176	7.913	33.996	26.498	155.3	0.419
200	7.448	33.994	26.564	149.2	0.456
226	7.085	34.019	26.635	142.8	0.494
250	7.035	34.069	26.681	136.6	0.528
276	6.869	34.095	26.721	135.2	0.563
300	6.591	34.099	26.764	131.3	0.595
326	6.459	34.120	26.798	126.4	0.629
350	6.357	34.136	26.824	126.2	0.659
376	6.154	34.151	26.862	122.8	0.692
400	5.904	34.150	26.893	120.0	0.721
426	5.555	34.150	26.936	115.9	0.752
450	5.446	34.170	26.965	113.4	0.779
476	5.390	34.190	26.968	111.5	0.808
500	5.050	34.150	26.998	110.6	0.835



PRESS	TRANS	FLUOR
1	0.47	0.225
8	0.47	0.234
10	0.48	0.235
18	0.47	0.230
20	0.47	0.227
28	0.49	0.317
30	0.50	0.492
38	0.49	0.518
40	0.48	0.505
48	0.49	0.609
50	0.48	0.579
60	0.49	0.525
70	0.45	0.408
80	0.41	0.127
90	0.42	0.238
100	0.40	0.130
128	0.39	0.078
150	0.39	0.069
178	0.38	0.072
200	0.38	0.088
226	0.38	0.088
250	0.37	0.086
278	0.37	0.071
300	0.37	0.089
328	0.37	0.088
350	0.38	0.071
378	0.38	0.071
400	0.38	0.070
428	0.38	0.068
450	0.37	0.073
478	0.37	0.070
500	0.37	0.068

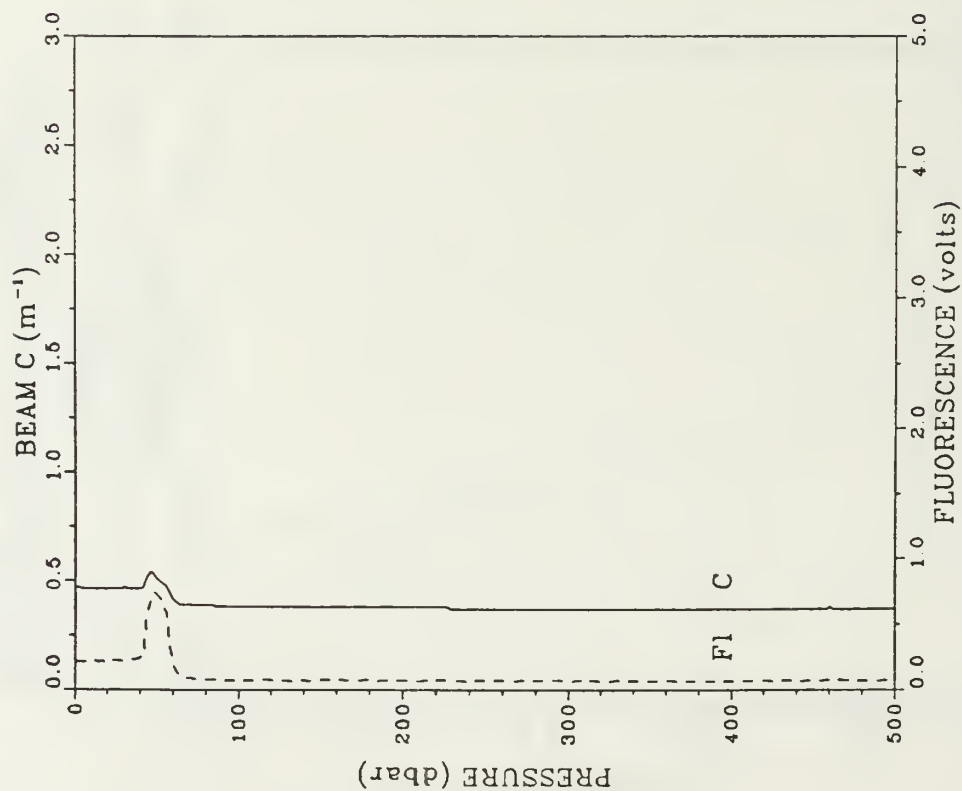
STATION: 259 LAT: 37 13.3 N LON: 125 43.6 W
 DATE: 7/18/88 TIME: 0253Z

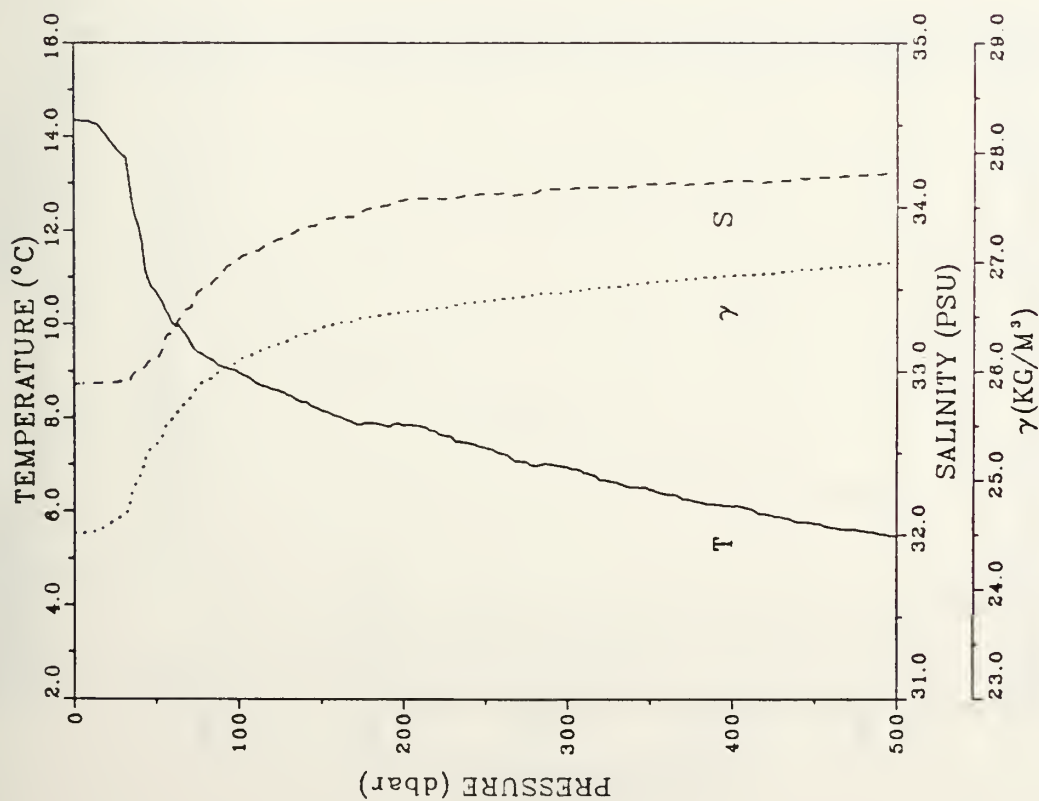


STATION: 260 LAT: 37 24.0 N LON: 125 52.2 W
 DATE: 7/18/88 TIME: 0541Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	15.866	32.866	24.139	378.8	0.000
8	15.864	32.868	24.140	378.9	0.019
10	15.868	32.868	24.139	377.1	0.034
16	15.865	32.869	24.140	377.1	0.057
20	15.869	32.869	24.139	377.3	0.072
26	15.831	32.867	24.148	376.8	0.094
30	15.852	32.866	24.142	377.3	0.109
36	15.727	32.861	24.165	375.3	0.132
40	15.535	32.865	24.210	371.1	0.147
46	13.202	33.123	24.900	305.4	0.167
50	10.661	33.334	25.539	244.6	0.178
60	9.365	33.490	25.878	212.4	0.201
70	9.135	33.827	26.022	198.9	0.222
80	8.871	33.696	26.119	189.6	0.241
90	8.724	33.763	26.193	182.9	0.260
100	8.524	33.624	26.272	175.6	0.278
128	8.192	33.697	26.379	165.8	0.322
150	8.060	33.977	26.462	156.3	0.361
176	7.694	34.026	26.525	152.8	0.401
200	7.533	34.027	26.578	148.0	0.437
226	7.221	34.030	26.624	143.6	0.475
250	7.034	34.054	26.669	139.9	0.509
276	6.766	34.055	26.708	136.6	0.545
300	6.695	34.086	26.742	133.5	0.578
326	6.144	34.049	26.783	129.6	0.612
350	5.819	34.036	26.815	126.6	0.643
376	5.581	34.055	26.860	122.5	0.675
400	5.396	34.071	26.893	119.6	0.704
426	5.766	34.171	26.927	117.0	0.735
450	5.821	34.194	26.963	113.7	0.763
476	5.457	34.212	26.997	110.7	0.792
500	5.381	34.226	27.017	109.0	0.818

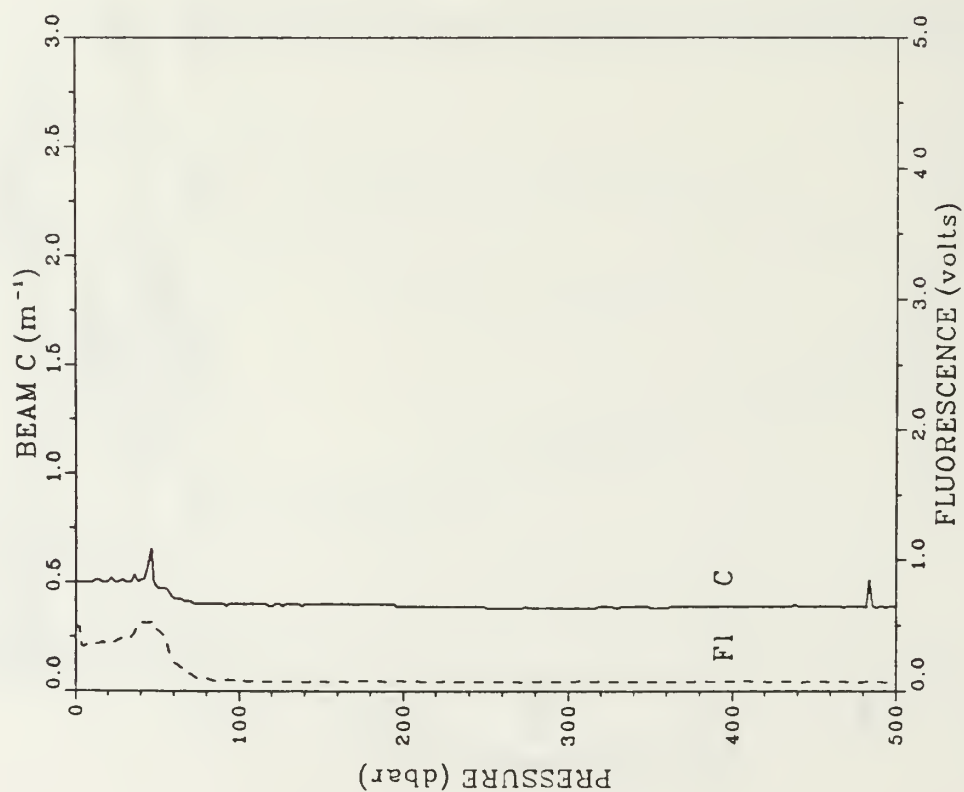
PRESS	TRANS	FLUOR
1	0.47	0.213
6	0.46	0.213
10	0.46	0.213
16	0.46	0.221
20	0.46	0.214
26	0.46	0.216
30	0.47	0.220
36	0.46	0.232
40	0.46	0.245
46	0.54	0.672
50	0.51	0.724
60	0.41	0.199
70	0.39	0.090
80	0.39	0.079
90	0.38	0.079
100	0.38	0.075
126	0.38	0.072
150	0.38	0.074
178	0.38	0.077
200	0.38	0.071
226	0.38	0.074
250	0.37	0.071
278	0.37	0.065
300	0.37	0.069
326	0.37	0.066
350	0.37	0.064
376	0.37	0.065
400	0.37	0.065
426	0.37	0.067
450	0.37	0.066
476	0.37	0.070
500	0.37	0.070





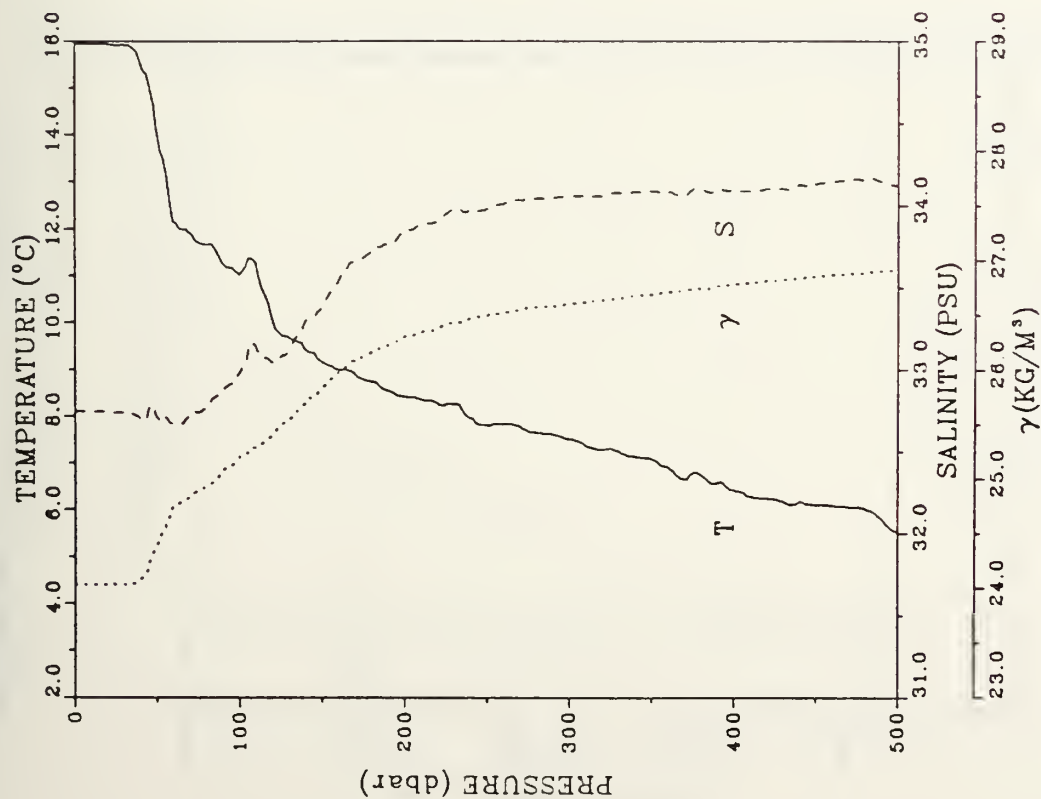
STATION: 261 LAT: 37 34.3 N LON: 125 59.7 W
 DATE: 7/18/88 TIME: 0841Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	14.341	32.922	24.511	341.3	0.000
6	14.326	32.923	24.515	341.1	0.020
10	14.320	32.924	24.517	341.0	0.034
16	14.206	32.926	24.543	338.7	0.055
20	14.029	32.926	24.579	335.3	0.066
26	13.763	32.930	24.637	330.0	0.066
30	13.593	32.936	24.678	326.3	0.101
36	12.560	32.980	24.915	303.7	0.120
40	12.064	33.002	25.026	293.2	0.132
46	10.898	33.062	25.285	268.6	0.149
50	10.692	33.070	25.327	264.6	0.159
60	10.022	33.224	25.562	242.5	0.165
70	9.703	33.378	25.735	226.2	0.206
80	9.309	33.513	25.905	210.2	0.230
90	9.068	33.596	26.007	200.7	0.251
100	8.958	33.682	26.093	192.6	0.270
126	8.549	33.805	26.253	177.9	0.316
150	8.151	33.911	26.396	164.6	0.359
176	7.892	33.980	26.489	156.1	0.401
200	7.846	34.044	26.546	151.2	0.436
226	7.623	34.050	26.583	147.9	0.477
250	7.364	34.063	26.646	142.2	0.512
276	7.030	34.089	26.697	137.6	0.546
300	6.951	34.113	26.727	135.1	0.581
326	6.649	34.121	26.774	130.8	0.615
350	6.476	34.141	26.813	127.4	0.646
376	6.232	34.140	26.844	124.6	0.679
400	6.117	34.159	26.873	122.0	0.709
426	5.869	34.154	26.898	119.8	0.740
450	5.729	34.175	26.935	116.5	0.769
476	5.594	34.193	26.965	113.8	0.799
500	5.469	34.207	26.992	111.5	0.826



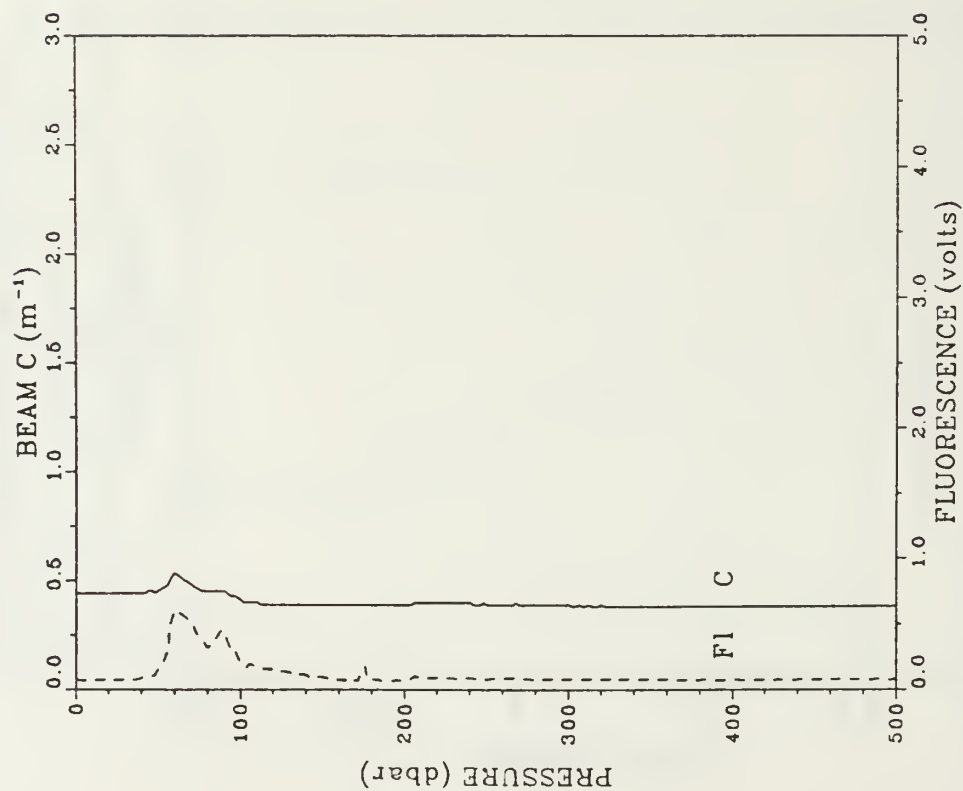
PRESS	TRANS	FLUOR
0	0.50	0.485
8	0.50	0.346
10	0.50	0.375
16	0.50	0.368
20	0.50	0.380
28	0.50	0.392
30	0.50	0.394
36	0.53	0.440
40	0.51	0.519
48	0.65	0.527
50	0.47	0.459
60	0.42	0.211
70	0.41	0.132
80	0.40	0.094
90	0.40	0.077
100	0.40	0.085
128	0.39	0.070
150	0.40	0.068
176	0.40	0.075
200	0.39	0.075
228	0.39	0.068
250	0.38	0.068
276	0.38	0.068
300	0.38	0.071
326	0.39	0.073
350	0.38	0.072
376	0.39	0.070
400	0.39	0.068
426	0.39	0.074
450	0.39	0.068
476	0.39	0.069
500	0.38	0.074

STATION: 261 LAT: 37 34.3 N LON: 125 59.7 W
 DATE: 7/18/88 TIME: 0841Z



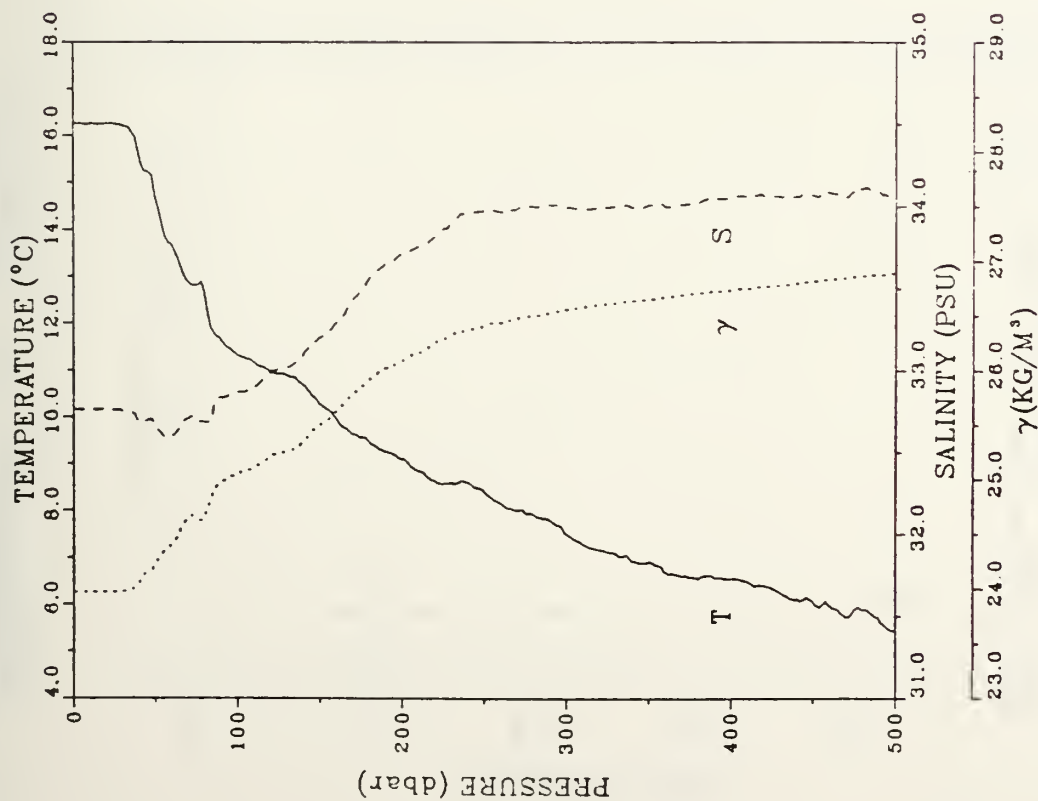
STATION: 262 LAT: 37 46.4 N LON: 126 12.7 W
DATE: 7/18/88 TIME: 1200Z

PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
0	15.943	32.743	24.028	387.6	0.000
8	15.944	32.743	24.026	387.8	0.023
10	15.945	32.743	24.025	387.9	0.039
18	15.944	32.743	24.026	388.0	0.062
20	15.920	32.737	24.026	388.1	0.078
26	15.908	32.737	24.030	387.9	0.101
30	15.914	32.738	24.028	388.2	0.118
38	15.815	32.722	24.038	387.4	0.140
40	15.542	32.698	24.080	383.5	0.155
48	15.022	32.776	24.254	367.0	0.178
50	14.169	32.712	24.385	354.6	0.192
60	12.149	32.668	24.751	319.8	0.228
70	11.908	32.723	24.839	311.8	0.257
80	11.882	32.770	24.921	304.0	0.288
90	11.280	32.872	25.073	289.7	0.318
100	11.020	32.978	25.198	278.0	0.346
128	9.719	33.087	25.505	249.0	0.415
150	9.157	33.375	25.821	219.4	0.471
178	8.778	33.688	26.126	190.8	0.524
200	8.418	33.841	26.301	174.5	0.568
226	8.271	33.950	26.409	164.7	0.612
250	7.812	33.977	26.498	156.4	0.651
278	7.675	34.039	26.567	150.3	0.691
300	7.528	34.054	26.600	147.4	0.728
328	7.313	34.078	26.648	143.2	0.764
350	7.083	34.087	26.688	139.6	0.798
376	6.814	34.103	26.738	135.1	0.834
400	6.422	34.089	26.779	131.2	0.866
428	6.227	34.101	26.814	128.1	0.899
450	6.115	34.133	26.853	124.6	0.930
476	6.050	34.161	26.884	122.0	0.962
500	5.524	34.115	26.912	119.0	0.991



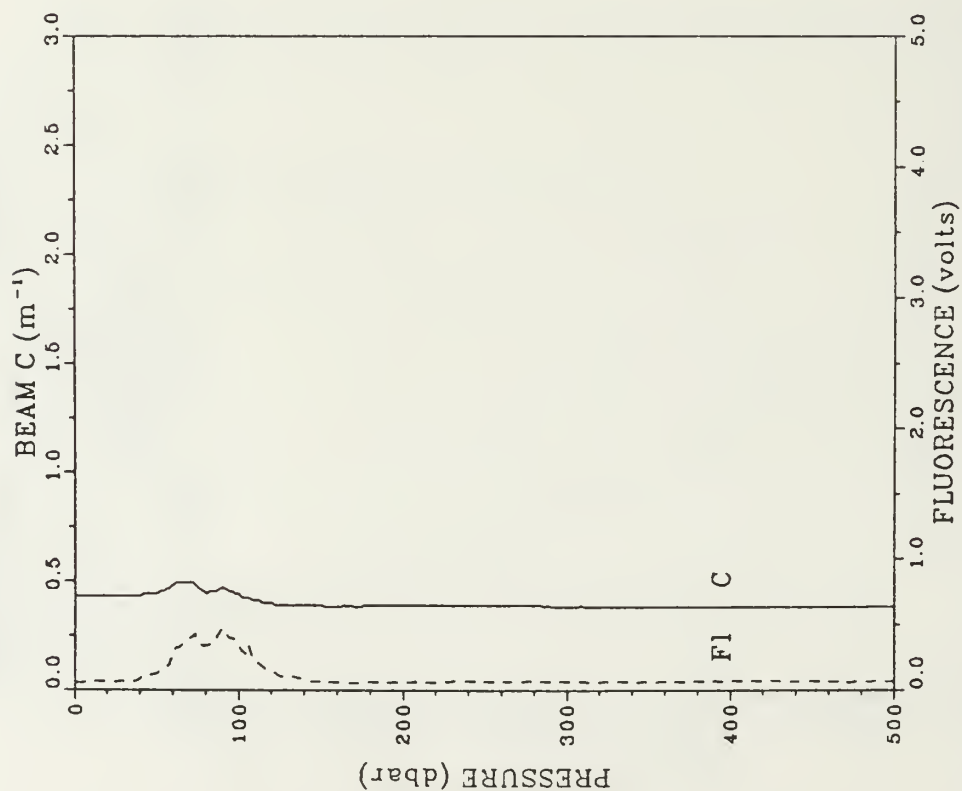
PRESS	TRANS	FLUOR
0	0.44	0.070
6	0.44	0.069
10	0.44	0.078
18	0.44	0.072
20	0.44	0.073
28	0.44	0.069
30	0.44	0.074
38	0.44	0.075
40	0.44	0.081
48	0.45	0.097
50	0.45	0.146
60	0.53	0.599
70	0.48	0.516
80	0.45	0.316
90	0.45	0.439
100	0.41	0.215
128	0.39	0.136
150	0.39	0.094
178	0.39	0.173
200	0.39	0.072
226	0.40	0.088
250	0.39	0.078
278	0.39	0.079
300	0.39	0.075
328	0.38	0.074
350	0.38	0.073
378	0.38	0.073
400	0.38	0.073
428	0.38	0.073
450	0.38	0.075
478	0.38	0.074
500	0.38	0.072

STATION: 262 LAT: 37 46.4 N LON: 126 12.7 W
 DATE: 7/18/88 TIME: 1200Z



STATION: 263 LAT: 37 59.2 N LON: 126 17.5 W
DATE: 7/18/88 TIME: 1453Z

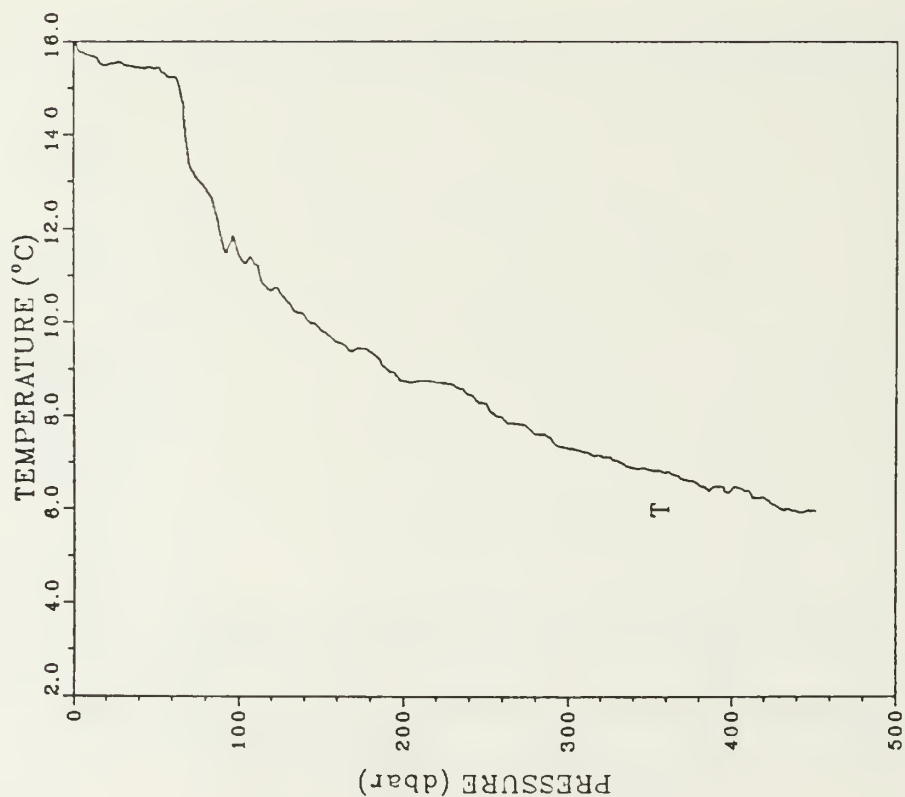
PRESS	TEMP	SAL	DENSITY ANOMALY	SVA	SUM DYN
1	16.255	32.756	23.965	393.4	0.000
6	16.251	32.756	23.968	393.3	0.020
10	16.253	32.759	23.968	393.4	0.035
18	16.254	32.759	23.968	393.6	0.059
20	16.263	32.762	23.968	393.6	0.075
26	16.246	32.757	23.968	393.6	0.098
30	16.206	32.749	23.971	393.7	0.114
36	16.065	32.739	23.995	391.5	0.138
40	15.663	32.683	24.042	387.1	0.153
48	15.235	32.700	24.149	377.0	0.176
50	14.697	32.651	24.227	369.7	0.191
60	13.695	32.601	24.397	353.7	0.227
70	12.899	32.703	24.634	331.2	0.262
80	12.664	32.682	24.664	328.6	0.285
90	11.609	32.830	24.966	299.8	0.326
100	11.320	32.864	25.056	291.6	0.356
128	10.929	33.011	25.240	274.5	0.429
150	10.267	33.197	25.500	250.2	0.492
176	9.572	33.495	25.848	217.4	0.553
200	9.106	33.707	26.089	194.9	0.602
226	8.598	33.667	26.294	175.7	0.651
250	8.424	33.972	26.403	165.7	0.691
276	7.947	33.994	26.492	157.5	0.734
300	7.517	33.992	26.553	151.9	0.771
326	7.123	33.994	26.610	146.7	0.809
350	6.915	34.007	26.648	143.2	0.844
376	6.569	34.016	26.701	138.4	0.881
400	6.554	34.058	26.735	135.4	0.914
426	6.329	34.063	26.770	132.3	0.949
450	6.051	34.068	26.808	126.7	0.980
476	5.905	34.109	26.861	124.0	1.013
500	5.436	34.066	26.864	121.5	1.042



PRESS	TRANS	FLUOR
1	0.43	0.055
6	0.43	0.056
10	0.43	0.058
18	0.43	0.066
20	0.43	0.066
26	0.43	0.065
30	0.43	0.071
36	0.43	0.066
40	0.43	0.084
46	0.44	0.109
50	0.44	0.126
60	0.46	0.252
70	0.49	0.386
80	0.44	0.342
90	0.47	0.468
100	0.44	0.341
128	0.39	0.100
150	0.39	0.062
176	0.38	0.057
200	0.39	0.060
226	0.39	0.063
250	0.38	0.066
276	0.38	0.068
300	0.36	0.067
328	0.36	0.059
350	0.36	0.061
376	0.38	0.064
400	0.38	0.066
426	0.36	0.069
450	0.38	0.068
478	0.38	0.066
500	0.36	0.064

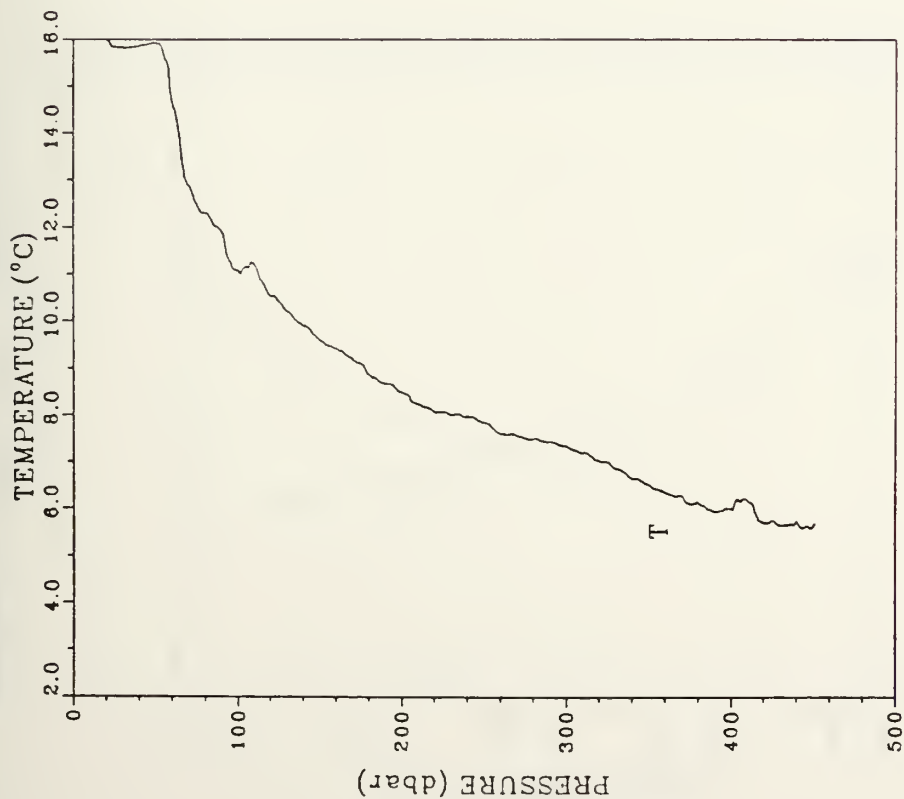
STATION: 263 LAT: 37 59.2 N LON: 126 17.5 W
 DATE: 7/18/88 TIME: 1453Z

Figure 29. Listings of temperature at selected pressures and profiles of temperature (T) for all XBT stations of cruise CTZ88.



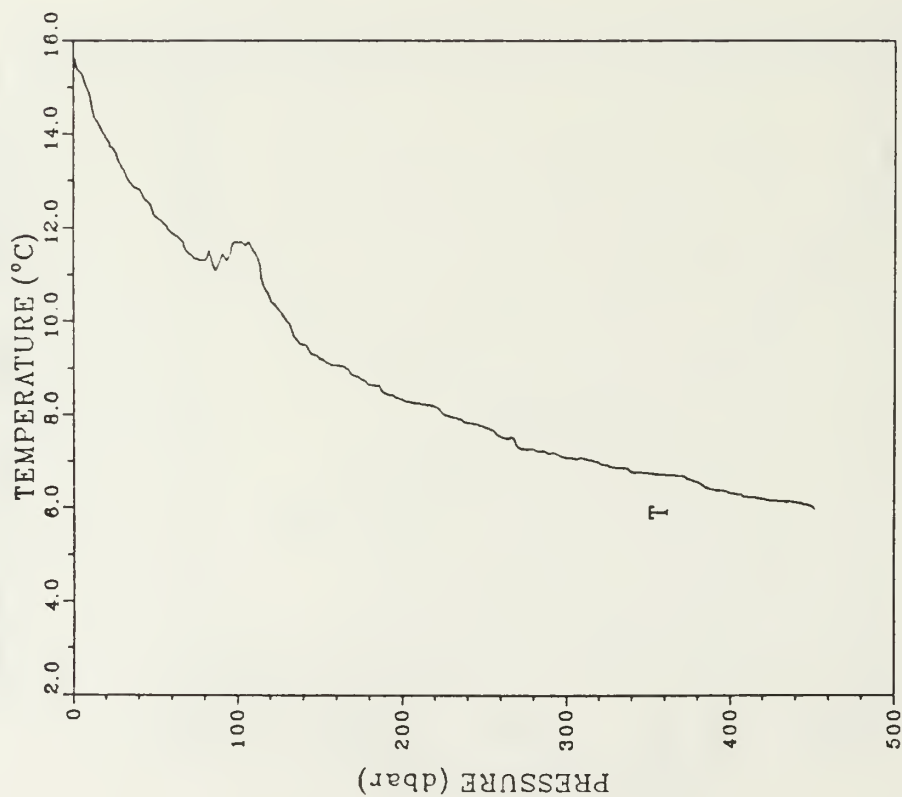
STATION: 1 LAT: 37 59.7 N LON: 126 5.8 W
 DATE: 7/12/88 TIME: 1853Z

PRESS	TEMP
1	16.195
5	16.070
10	16.055
15	16.070
20	16.020
25	15.835
30	15.825
35	15.820
40	15.860
45	15.890
50	15.915
60	14.720
70	12.910
80	12.310
90	11.925
100	11.090
125	10.415
150	9.610
175	9.100
200	8.470
225	8.060
250	7.845
275	7.510
300	7.340
325	7.000
350	6.510
375	6.110
400	6.005
425	5.745
450	5.805
452	5.690

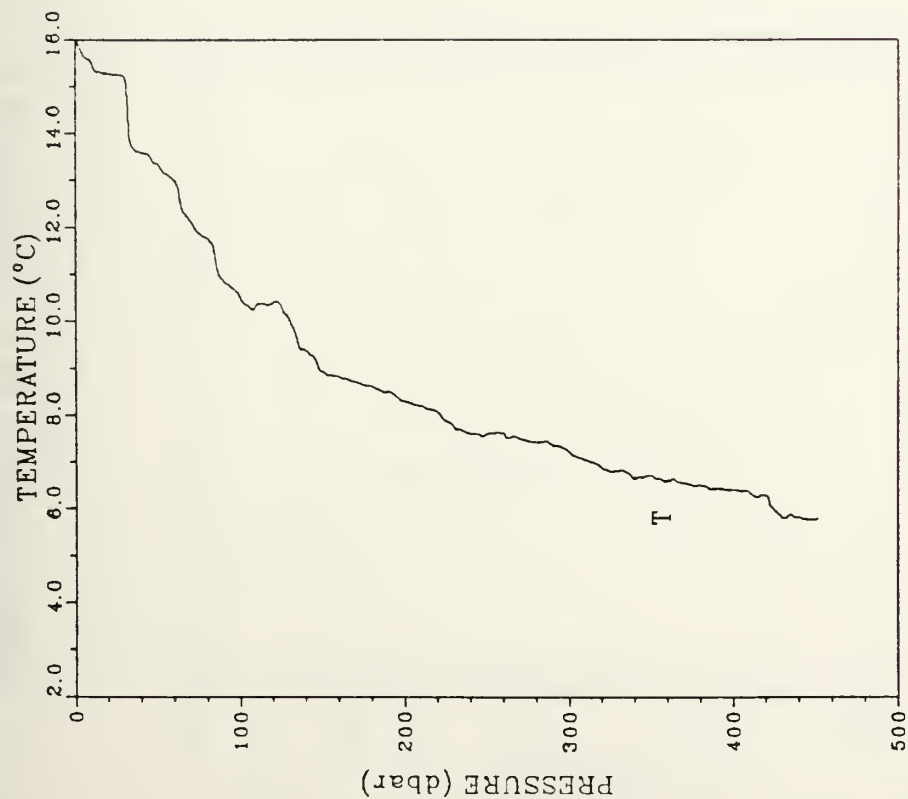


STATION: 2 LAT: 37 59.9 N LON: 125 53.7 W
 DATE: 7/12/88 TIME: 2000Z

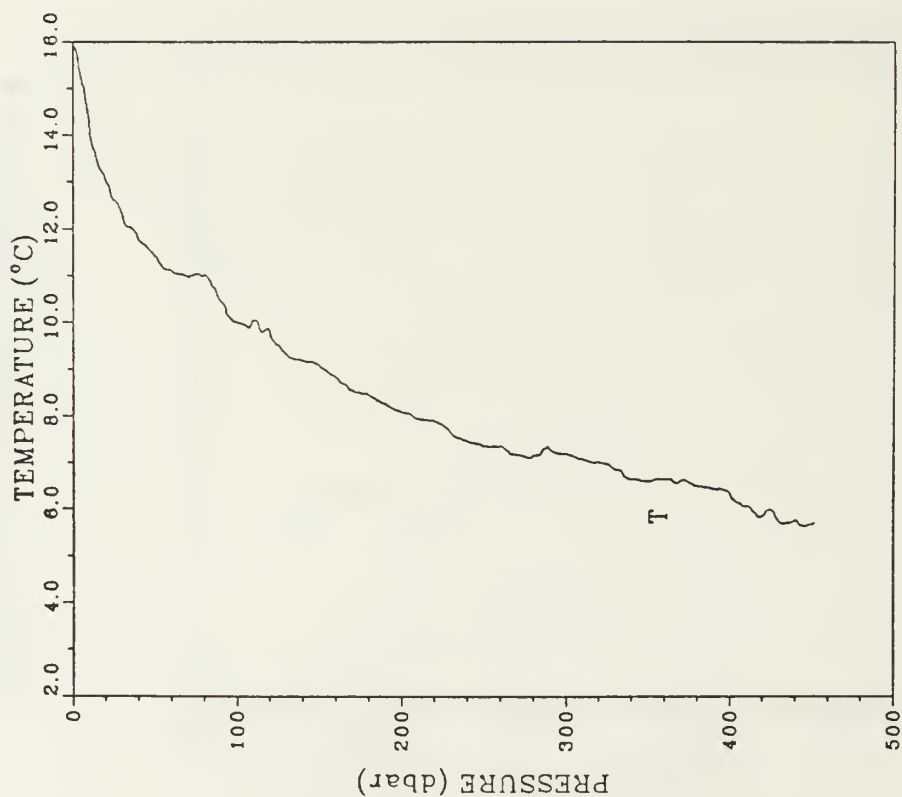
PRESS	TEMP
1	15.605
5	15.295
10	14.860
15	14.260
20	13.930
25	13.675
30	13.270
35	12.950
40	12.820
45	12.580
50	12.235
60	11.890
70	11.480
80	11.310
90	11.305
100	11.690
125	10.285
150	9.205
175	8.760
200	8.320
225	8.020
250	7.740
275	7.270
300	7.080
325	6.920
350	6.740
375	6.620
400	6.325
425	6.170
450	6.035
452	5.970



STATION: 3 LAT: 38 1.2 N LON: 125 41.8 W
 DATE: 7/12/88 TIME: 2100Z

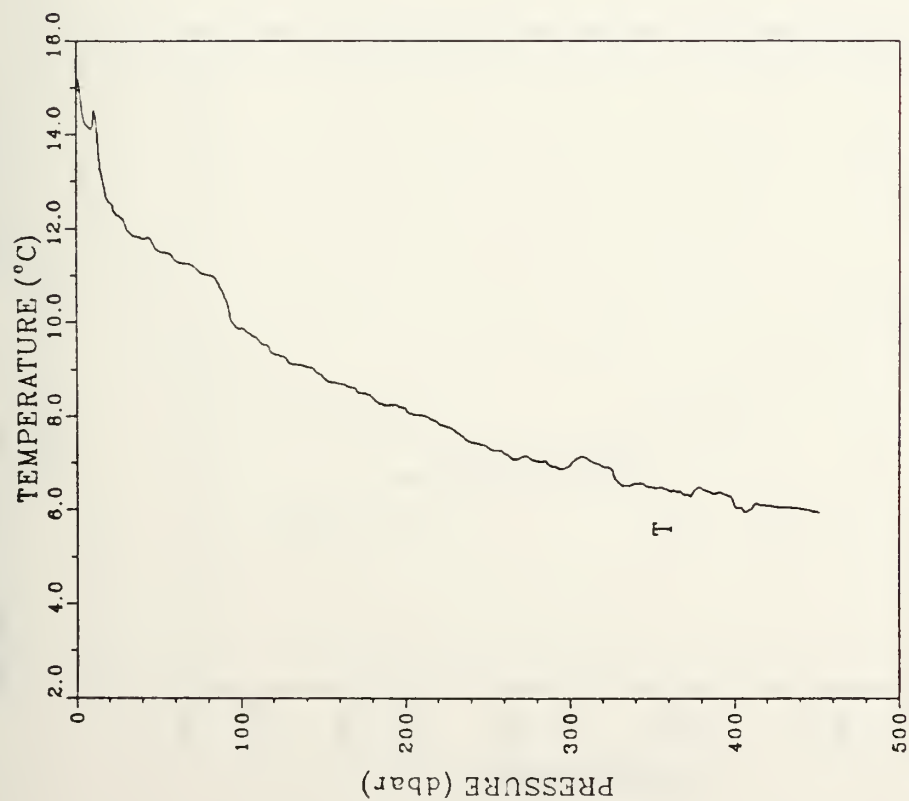


STATION: 4 LAT: 38 1.4 N LON: 125 29.5 W
 DATE: 7/12/88 TIME: 2200Z

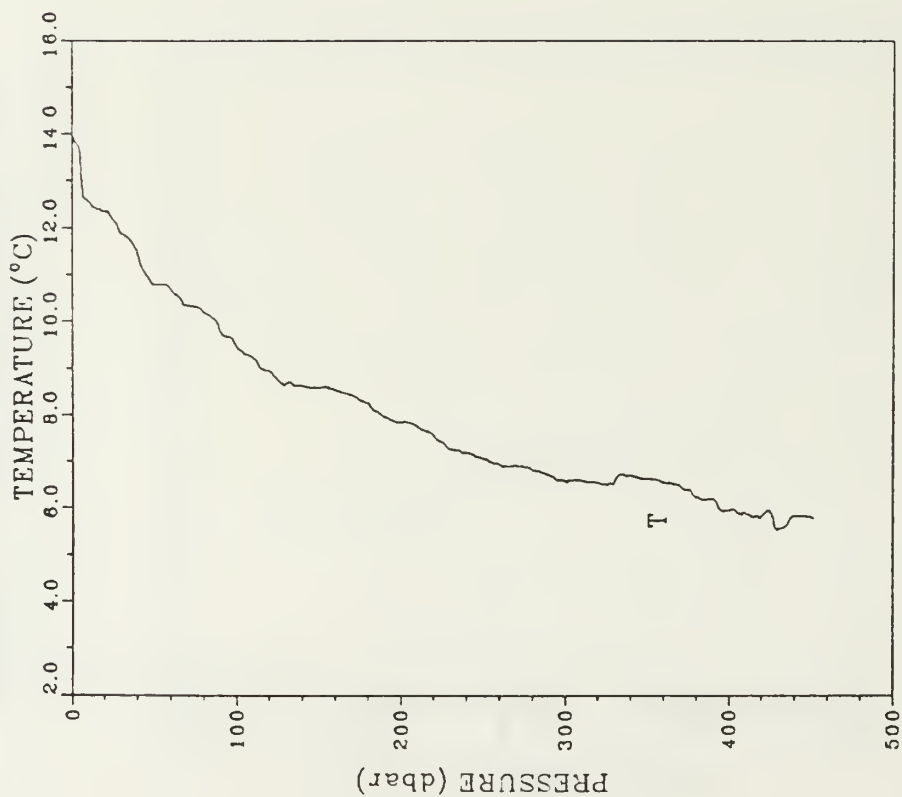


803

STATION: 5 LAT: 38 2.1 N LON: 125 17.7 W
 DATE: 7/12/88 TIME: 2300Z

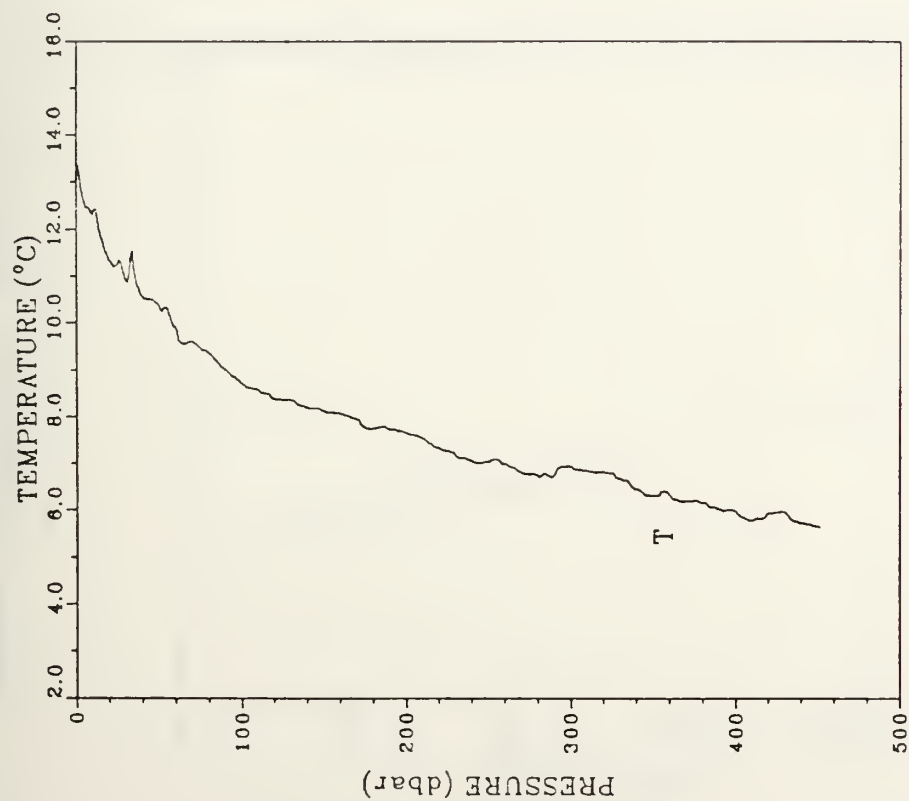


STATION: 6 LAT: 38 3.0 N LON: 125 7.0 W
 DATE: 7/13/88 TIME: 0000Z



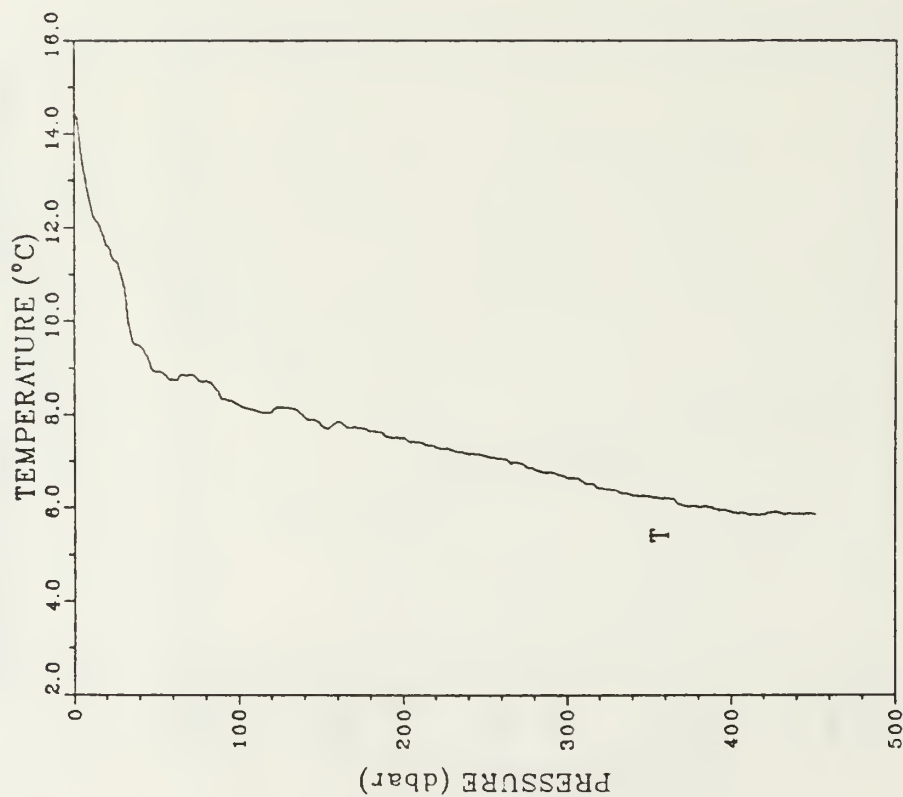
PRESS	TEMP
1	13.920
5	13.610
10	12.565
15	12.410
20	12.360
25	12.205
30	11.875
35	11.770
40	11.490
45	11.030
50	10.800
60	10.710
70	10.340
80	10.200
90	9.825
100	9.470
125	8.755
150	8.575
175	8.310
200	7.850
225	7.410
250	7.060
275	6.890
300	6.570
325	6.500
350	6.630
375	6.390
400	5.955
425	5.955
450	5.810
452	5.780

STATION: 7 LAT: 38 4.6 N LON: 124 54.4 W
 DATE: 7/13/88 TIME: 0100Z



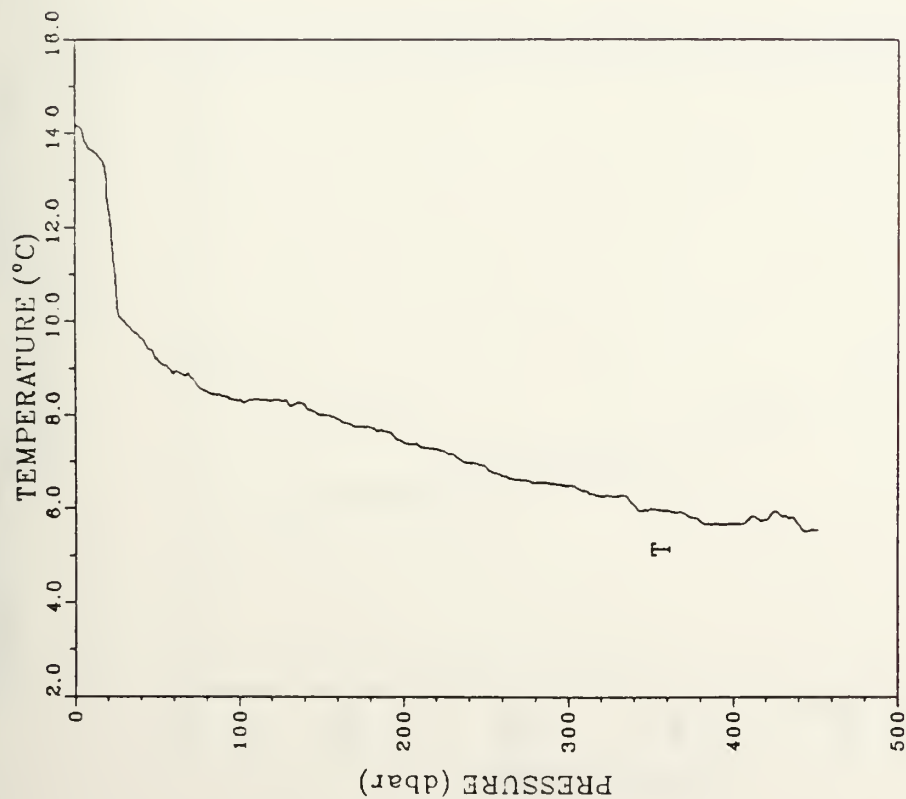
PRESS	TEMP
1	13.350
5	12.585
10	12.310
15	11.860
20	11.350
25	11.235
30	10.905
35	11.140
40	10.570
45	10.510
50	10.365
60	9.930
70	9.615
80	9.370
90	9.015
100	8.720
125	8.360
150	8.135
175	7.770
200	7.655
225	7.270
250	7.030
275	6.760
300	6.940
325	6.790
350	6.310
375	6.210
400	5.965
425	5.950
450	5.845
452	5.630

STATION: 8 LAT: 38 5.1 N LON: 124 42.9 W
 DATE: 7/13/88 TIME: 0200Z



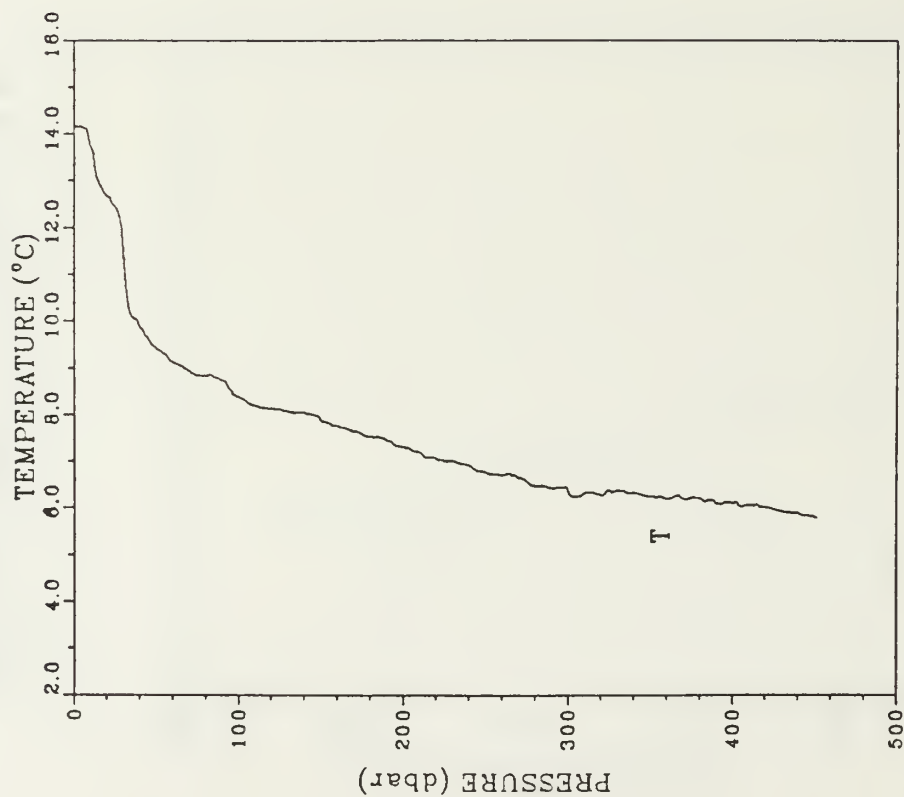
STATION: 9 LAT: 38 6.6 N LON: 124 30.7 W
 DATE: 7/13/88 TIME: 0300Z

PRESS	TEMP
1	14.165
5	13.980
10	13.640
15	13.490
20	12.600
25	11.025
30	10.005
35	9.800
40	9.850
45	9.400
50	9.210
60	8.870
70	8.830
80	8.510
90	8.405
100	8.320
125	8.305
150	8.005
175	7.750
200	7.420
225	7.220
250	6.885
275	6.600
300	6.490
325	6.270
350	6.020
375	5.820
400	5.675
425	5.930
450	5.550
452	5.540

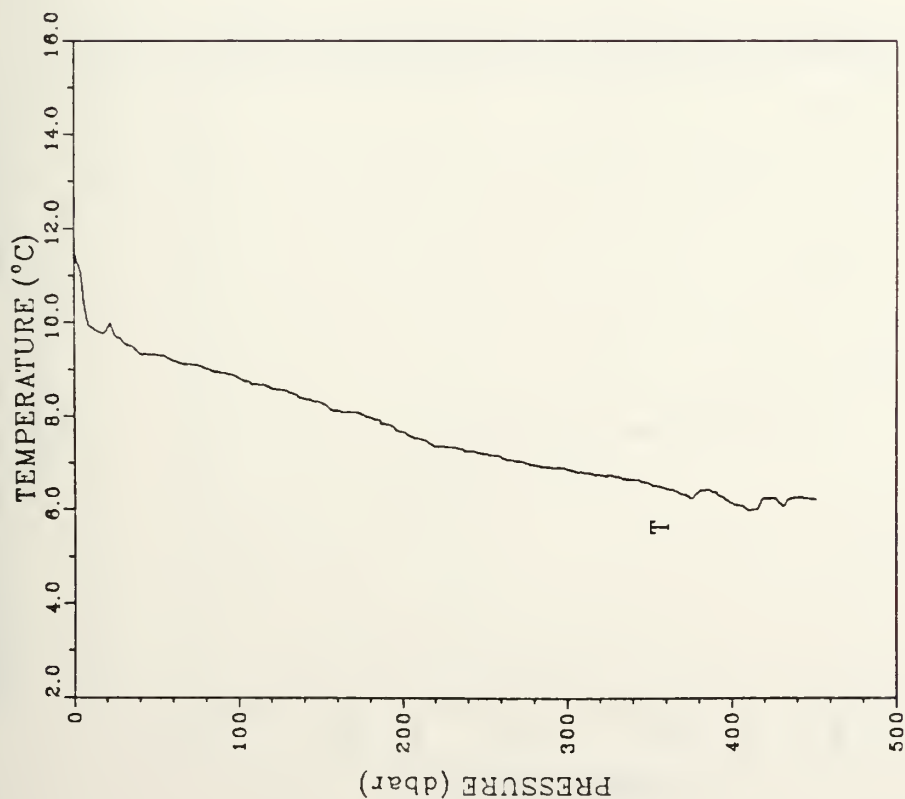


STATION: 10 LAT: 38 7.7 N LON: 124 17.9 W
 DATE: 7/13/88 TIME: 0400Z

1	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	452
14.185	14.145	13.780	13.000	12.690	12.455	11.590	10.130	9.910	9.655	9.430	9.130	8.940	8.830	8.735	8.370	8.120	7.905	7.800	7.310	7.010	6.770	6.580	6.360	6.380	6.250	6.200	6.100	5.975	5.800	5.790

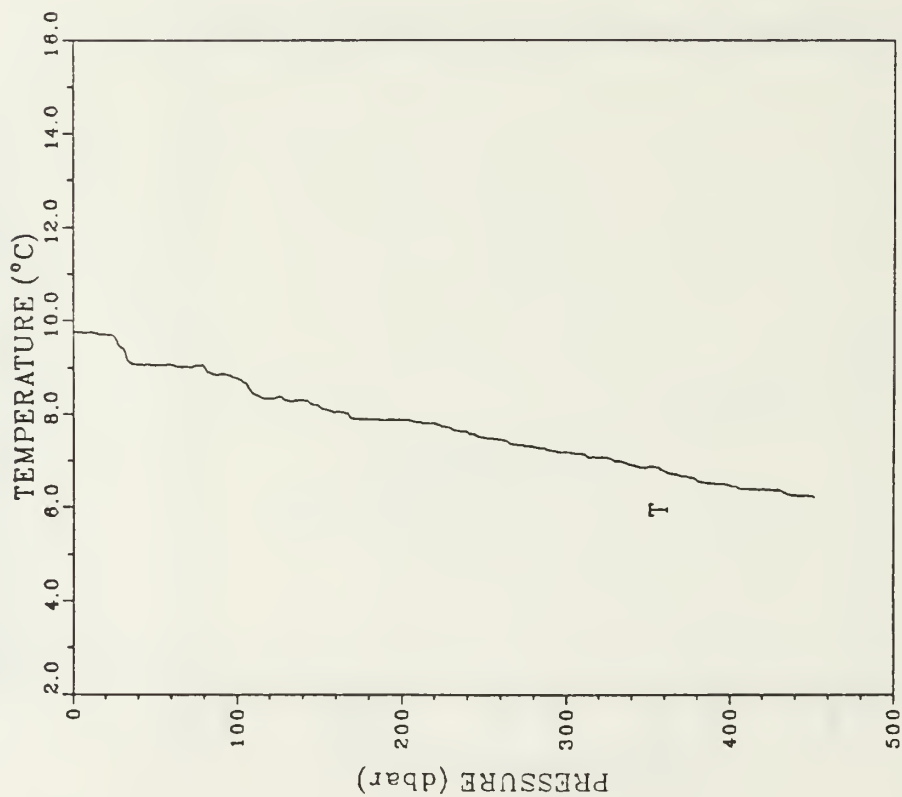


STATION: 11 LAT: 38 8.2 N LON: 124 4.5 W
 DATE: 7/13/88 TIME: 0500Z



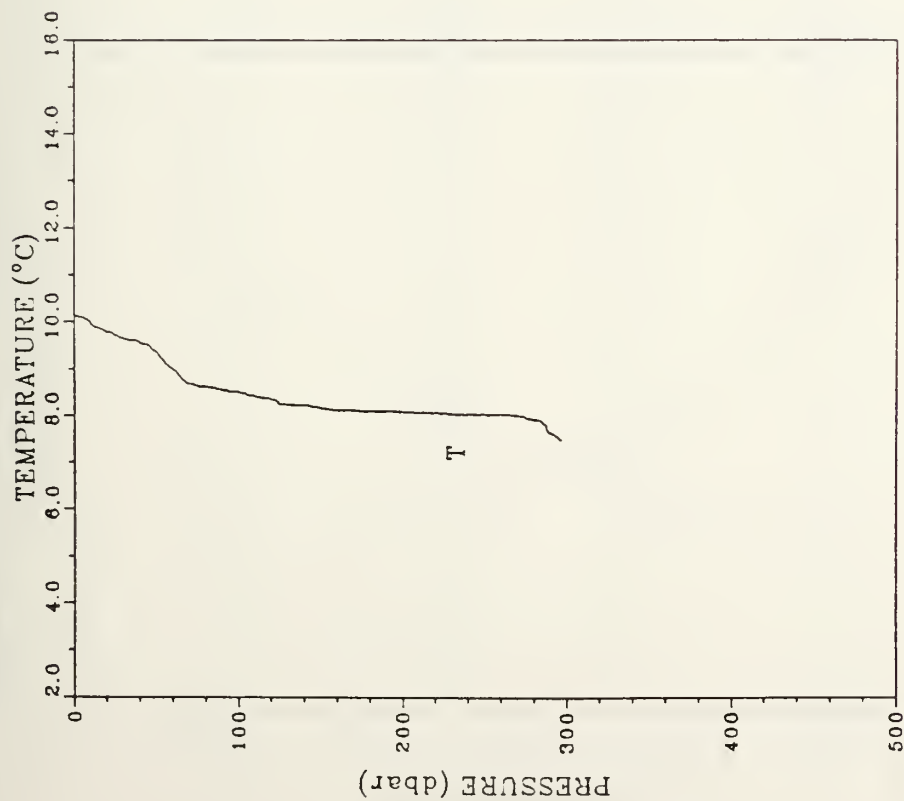
STATION: 12 LAT: 38 9.1 N LON: 123 50.2 W
 DATE: 7/13/88 TIME: 0600Z

PRESS	TEMP
1	9.760
5	9.745
10	9.750
15	9.740
20	9.720
25	9.675
30	9.415
35	9.110
40	9.070
45	9.075
50	9.050
60	9.070
70	9.020
80	9.020
90	8.870
100	8.785
125	8.390
150	8.185
175	7.910
200	7.875
225	7.740
250	7.495
275	7.320
300	7.190
325	7.070
350	6.880
375	6.650
400	6.470
425	6.380
450	6.240
452	6.220



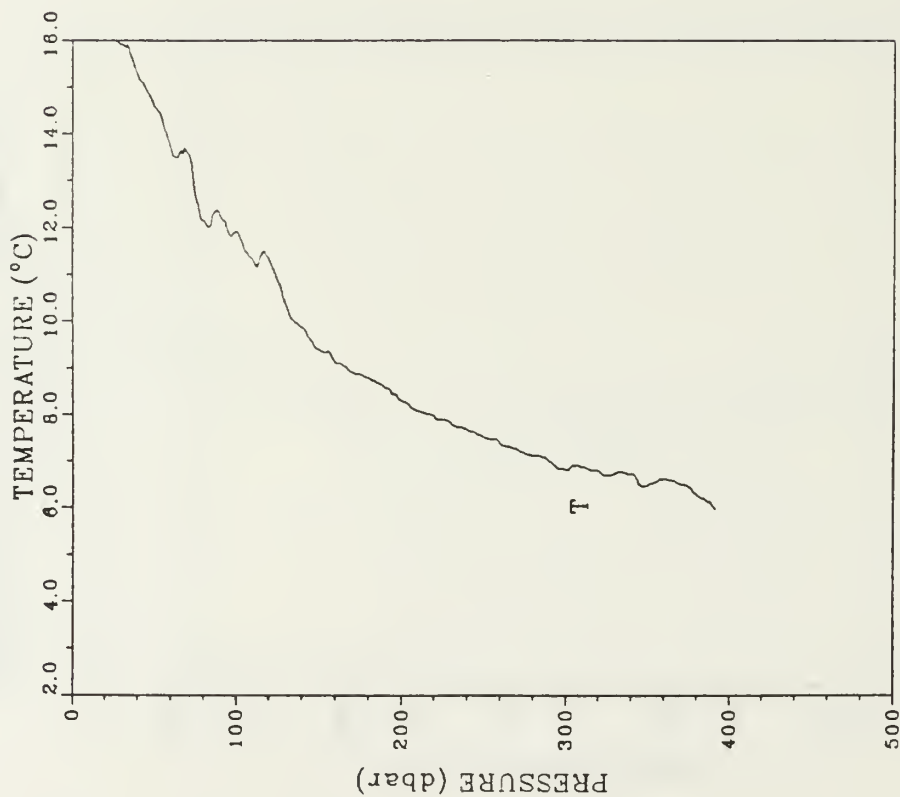
STATION:13 LAT:38 10.4 N LON:123 38.2 W
 DATE: 7/13/88 TIME: 0700Z

PRESS	TEMP
1	10.120
5	10.090
10	9.985
15	9.870
20	9.790
25	9.710
30	9.645
35	9.610
40	9.550
45	9.505
50	9.360
60	8.990
70	8.880
80	8.610
90	8.550
100	8.500
125	8.245
150	8.165
175	8.100
200	8.080
225	8.060
250	8.025
275	7.980
297	7.490

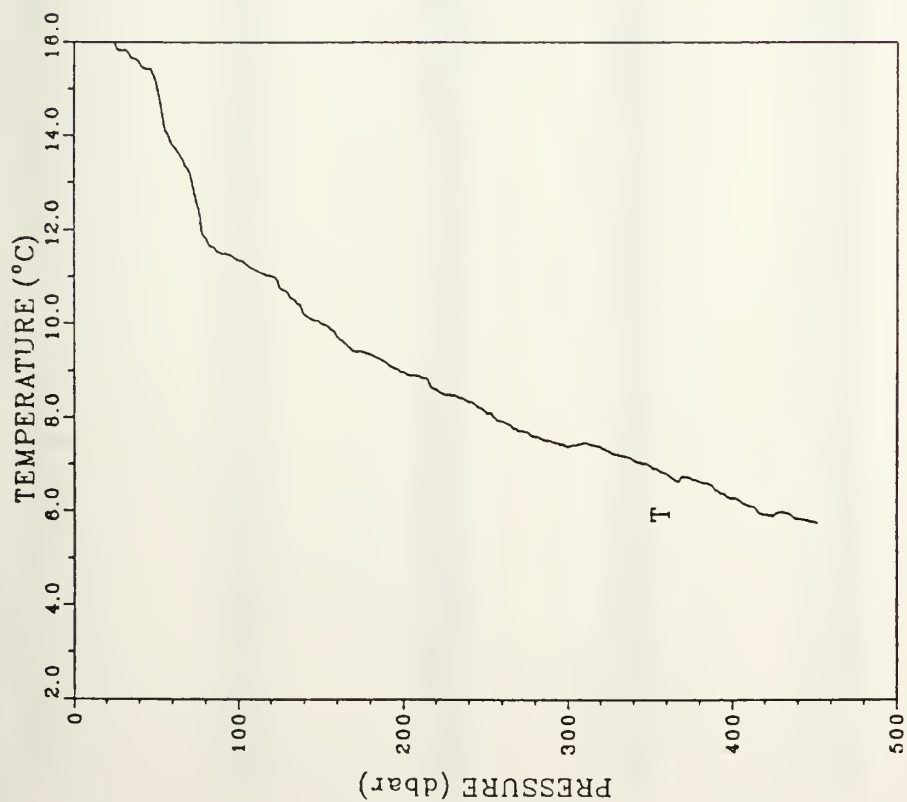


STATION: 14 LAT: 38 11.1 N LON: 123 25.1 W
 DATE: 7/13/88 TIME: 0800Z

PRESS	TEMP
1	17.210
5	17.105
10	17.125
15	16.980
20	16.870
25	16.090
30	15.915
35	15.810
40	15.300
45	15.005
50	14.605
60	13.770
70	13.635
80	12.150
90	12.320
100	11.935
125	10.900
150	9.400
175	8.860
200	8.290
225	7.890
250	7.520
275	7.180
300	6.830
325	6.710
350	6.480
375	6.480
392	5.980



STATION: 15 LAT: 38 42.0 N LON: 125 50.5 W
 DATE: 7/17/88 TIME: 0123Z



STATION: 16 LAT: 38 29.1 N LON: 125 54.9 W
 DATE: 7/17/88 TIME: 0253Z

Appendix I

Fluorometer Calibration

The fluorometer voltages listed in Figure 28 are raw instrument voltages. The information needed to convert raw fluorometer voltages to fluorescence values are presented in Table 3.

Table 3. Station numbers, sample depths, chlorophyll "a" fluorescence, phaeopigment, the sum of chlorophyll "a" and phaeopigment, and the raw fluorometer voltages for each water sample taken during the Coastal Transition Zone (CTZ88) filament study.

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
101	2	3.903	3.617	7.520	1.570
101	10	3.787	0.650	4.437	1.550
101	20	3.787	3.962	7.749	1.440
101	40	3.128	2.157	5.285	0.730
101	60	1.729	2.377	4.106	0.330
101	81	1.976	2.025	4.001	0.460
101	100	1.565	1.321	2.886	0.450
101	148	0.703	2.671	3.374	0.320
102	2	5.984	1.669	7.653	3.170
102	10	5.463	2.922	8.385	3.310
102	19	1.976	3.478	5.454	3.150
102	39	3.211	3.170	6.381	1.570
102	60	3.046	2.597	5.643	0.910
102	80	2.882	2.994	5.876	1.070
102	99	1.070	3.478	4.548	0.790
102	150	0.005	0.105	0.110	0.150
103	1	7.805	4.174	11.979	4.650
103	10	7.545	4.035	11.580	4.620
103	22	3.211	3.654	6.865	4.380
103	42	3.540	4.799	8.339	1.530
103	59	2.552	7.660	10.212	0.630
103	81	1.565	4.711	6.276	1.190
103	100	0.338	2.324	2.662	0.320
103	149	0.011	0.126	0.137	0.080
104	1	5.203	2.783	7.986	1.180
104	10	5.463	2.922	8.385	2.690
104	20	4.943	2.644	7.587	4.070
104	40	2.141	4.050	6.191	2.190
104	59	0.546	2.435	2.981	1.190
104	80	0.443	2.838	3.281	0.560
104	99	0.468	2.393	2.861	0.120
104	151	0.365	2.185	2.550	0.390
105	10	4.423	5.426	9.849	1.790
105	20	4.943	5.704	10.647	2.850
105	40	5.203	5.843	11.046	3.190
105	60	7.024	6.816	13.840	3.460
105	80	4.683	2.505	7.188	1.660
105	101	2.964	3.522	6.486	0.850
105	150	2.470	3.258	5.728	0.620
106	1	6.244	7.930	14.174	1.230
106	10	7.024	5.286	12.310	3.180
106	20	9.626	6.677	16.303	4.920

Table 3. (continued)

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
106	41	0.806	1.808	2.614	0.320
106	59	2.305	3.654	5.959	1.440
106	79	2.716	6.296	9.012	0.880
106	99	0.416	2.212	2.628	0.130
106	150	0.107	1.025	1.132	0.090
107	9	5.203	2.783	7.986	2.980
107	20	5.724	1.530	7.254	3.830
107	40	1.317	2.642	3.959	0.460
107	59	0.416	1.753	2.169	0.140
107	80	0.028	0.160	0.188	0.080
107	100	0.020	0.132	0.152	0.130
107	139	0.260	2.128	2.388	0.120
108	1	6.764	5.147	11.911	2.630
108	10	10.146	6.956	17.102	5.000
108	20	4.163	3.756	7.919	1.650
108	40	2.223	3.125	5.348	0.710
108	61	3.046	5.019	8.065	0.690
108	80	1.811	3.875	5.686	0.270
108	100	0.755	2.393	3.148	0.190
108	150	0.107	0.977	1.084	0.090
109	1	3.293	1.761	5.054	3.630
109	10	4.034	2.157	6.191	4.060
109	21	6.504	3.478	9.982	2.760
109	41	0.416	1.141	1.557	0.650
109	61	2.716	0.968	3.684	0.540
109	81	2.799	2.465	5.264	0.740
109	100	5.724	4.591	10.315	1.200
109	149	1.400	2.685	4.085	0.490
110	1	8.325	5.982	14.307	4.300
110	10	12.487	9.738	22.225	5.000
110	20	10.666	0.000	10.666	3.010
110	40	5.724	4.591	10.315	2.180
110	60	1.811	2.905	4.716	0.570
110	81	0.286	1.530	1.816	0.320
110	100	0.140	1.818	1.958	0.090
110	146	0.083	1.109	1.192	0.080
111	1	7.024	0.695	7.719	3.620
111	10	6.764	0.000	6.764	3.770
111	20	9.886	0.000	9.886	2.760
111	40	6.504	0.417	6.921	4.170
111	60	0.806	4.410	5.216	0.470
111	80	1.317	3.125	4.442	0.200
111	101	0.205	1.854	2.059	0.410
111	150	0.091	1.307	1.398	0.150
112	2	1.066	0.876	1.942	0.560
112	10	0.936	0.654	1.590	0.770
112	19	1.317	0.705	2.022	1.140
112	39	2.058	1.585	3.643	1.500
112	60	0.390	0.974	1.364	0.240
112	80	0.148	0.660	0.808	0.140
112	99	0.063	0.416	0.479	0.080
112	149	0.010	0.325	0.335	0.060
113	12	0.109	0.150	0.259	0.080
113	19	0.124	0.115	0.239	0.070
113	40	0.132	0.070	0.202	0.070
113	60	0.181	0.291	0.472	0.130
113	78	0.728	1.614	2.342	0.510
113	98	0.231	0.511	0.742	0.180

Table 3. (continued)

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
113	151	0.008	0.188	0.196	0.060
114	10	0.115	0.153	0.268	0.070
114	20	0.117	0.108	0.225	0.080
114	40	0.115	0.076	0.191	0.080
114	60	0.197	0.251	0.448	0.130
114	80	0.676	0.974	1.650	0.580
114	100	0.443	1.155	1.598	0.420
114	150	0.016	0.174	0.190	0.060
115	10	0.833	0.292	1.125	0.400
115	20	0.858	0.459	1.317	0.560
115	41	0.703	0.375	1.078	0.320
115	61	0.223	0.748	0.971	0.170
115	80	0.247	0.810	1.057	0.160
115	100	0.065	0.310	0.375	0.080
115	150	0.132	0.603	0.735	0.080
116	10	7.024	5.286	12.310	4.850
116	21	8.586	6.121	14.707	5.000
116	40	9.886	2.225	12.111	4.510
116	61	9.886	2.225	12.111	4.310
116	78	6.764	3.617	10.381	2.690
116	101	2.141	4.050	6.191	0.490
116	150	0.443	2.685	3.128	0.140
117	1	3.457	3.786	7.243	1.090
117	9	3.869	3.522	7.391	2.530
117	19	5.984	3.200	9.184	3.450
117	39	4.423	2.365	6.788	3.860
117	60	3.211	3.654	6.865	2.280
117	78	3.540	4.799	8.339	1.300
117	100	3.540	3.830	7.370	0.630
117	150	0.148	1.290	1.438	0.090
118	1	1.729	0.440	2.169	0.680
118	9	1.646	0.881	2.527	0.810
118	20	2.058	1.101	3.159	1.940
118	40	0.443	1.920	2.363	0.220
118	60	0.223	1.378	1.601	0.130
118	80	3.211	2.201	5.412	0.220
118	99	0.312	1.697	2.009	0.110
118	150	0.115	1.078	1.193	0.070
119	0	1.400	1.717	3.117	0.730
119	10	1.317	0.313	1.630	0.850
119	20	1.646	2.334	3.980	1.080
119	40	0.885	2.156	3.041	0.610
119	60	0.988	3.436	4.424	0.390
119	80	0.091	0.824	0.915	0.080
119	100	0.091	0.968	1.059	0.080
119	150	0.057	1.048	1.105	0.080
120	1	0.936	0.179	1.115	0.810
120	10	1.066	0.193	1.259	0.930
120	20	1.171	0.346	1.517	0.780
120	40	1.235	0.395	1.630	0.680
120	60	0.124	0.130	0.254	0.090
120	80	0.091	0.145	0.236	0.100
120	100	0.052	0.120	0.172	0.070
120	150	0.047	0.128	0.175	0.070
121	1	0.546	0.084	0.630	0.960
121	10	0.546	0.112	0.658	1.080
121	21	0.911	0.148	1.059	1.100
121	40	0.911	0.205	1.116	0.310

Table 3. (continued)

Station	Depth	'a'	Phaeopig.	Total Chl.	Voltage
121	61	0.083	0.126	0.209	0.090
121	80	0.083	0.153	0.236	0.070
121	101	0.286	0.458	0.744	0.100
121	152	0.148	0.495	0.643	0.110
122	1	0.495	0.106	0.601	0.410
122	10	0.495	0.193	0.688	0.420
122	19	0.546	0.197	0.743	0.410
122	40	0.625	0.148	0.773	0.340
122	59	1.317	0.856	2.173	0.640
122	80	0.338	0.320	0.658	0.290
122	101	0.416	0.442	0.858	0.260
122	149	0.156	0.369	0.525	0.110
123	1	0.390	0.125	0.515	0.310
123	10	0.365	0.122	0.487	0.320
123	20	0.416	0.127	0.543	0.310
123	40	3.903	0.963	4.866	0.390
123	60	0.390	0.182	0.572	0.260
123	81	0.286	0.344	0.630	0.080
123	100	0.065	0.143	0.208	0.070
123	149	0.057	0.151	0.208	0.080
124	1	2.387	0.601	2.988	1.070
124	10	2.635	0.625	3.260	1.060
124	21	2.305	0.684	2.989	1.220
124	40	5.463	0.833	6.296	2.120
124	60	1.235	0.485	1.720	0.087
124	81	1.153	0.477	1.630	0.200
124	100	0.312	0.432	0.744	0.110
124	150	0.083	0.216	0.299	0.080
125	1	2.058	0.205	2.263	0.680
125	9	2.141	0.305	2.446	1.070
125	20	2.305	0.321	2.626	1.640
125	41	0.468	0.275	0.743	0.790
125	61	1.093	0.281	1.374	0.460
125	80	0.650	0.408	1.058	0.550
125	101	0.107	0.146	0.253	0.130
125	151	0.214	0.320	0.534	0.120
126	1	0.495	0.021	0.516	0.230
126	10	0.520	0.052	0.572	0.240
126	20	0.936	0.122	1.058	0.840
126	40	1.317	0.223	1.540	1.080
126	59	1.093	0.253	1.346	0.410
126	77	0.442	0.245	0.687	0.280
126	98	0.197	0.110	0.307	0.130
126	148	0.010	0.051	0.061	0.060
127	2	0.148	0.042	0.190	0.080
127	11	0.140	0.014	0.154	0.090
127	22	0.148	0.024	0.172	0.090
127	41	0.156	0.025	0.181	0.100
127	60	0.231	0.032	0.263	0.150
127	80	0.390	0.154	0.544	0.260
127	100	0.390	0.268	0.658	0.450
127	148	0.008	0.045	0.053	0.050
128	1	0.102	0.022	0.124	0.080
128	10	0.106	0.025	0.131	0.070
128	20	0.115	0.015	0.130	0.080
128	40	0.140	0.014	0.154	0.080
128	80	0.365	0.208	0.573	0.250
128	102	0.312	0.289	0.601	0.300

Table 3. (continued)

Station	Depth	'a'	Phaeopig.	Total Chl.	Voltage
133	1	0.115	0.012	0.127	0.040
133	10	0.106	0.011	0.117	0.040
133	20	0.104	0.010	0.114	0.050
133	40	0.132	0.013	0.145	0.080
133	60	0.231	0.032	0.263	0.150
133	80	0.365	0.265	0.630	0.280
133	100	0.286	0.286	0.572	0.260
133	150	0.028	0.043	0.071	0.060
134	1	0.122	0.021	0.143	0.030
134	10	0.115	0.028	0.143	0.040
134	20	0.122	0.024	0.146	0.040
134	40	1.235	0.305	1.540	0.070
134	60	1.317	0.223	1.540	0.070
134	80	0.390	0.125	0.515	0.210
134	100	0.573	0.429	1.002	0.500
134	150	0.020	0.029	0.049	0.060
135	1	0.140	0.041	0.181	0.060
135	10	0.156	0.015	0.171	0.060
135	20	0.173	0.008	0.181	0.080
135	40	0.156	0.025	0.181	0.090
135	60	0.197	0.029	0.226	0.100
135	80	0.280	0.145	0.425	0.180
135	100	0.495	0.307	0.802	0.370
135	150	0.189	0.145	0.334	0.060
136	1	0.520	0.024	0.544	0.230
136	10	0.676	0.010	0.686	0.210
136	20	0.703	0.042	0.745	0.330
136	40	1.729	0.354	2.083	1.120
136	60	0.676	0.182	0.858	0.410
136	80	0.468	0.247	0.715	0.400
136	100	0.063	0.064	0.127	0.170
136	150	0.009	0.035	0.044	0.050
137	0	3.540	0.716	4.256	1.270
137	11	3.540	0.625	4.165	2.060
137	21	3.623	0.815	4.438	2.190
137	41	3.211	0.412	3.623	2.200
137	60	0.156	0.097	0.253	0.160
137	80	0.650	0.351	1.001	0.100
137	100	0.468	0.390	0.858	0.250
137	150	0.365	0.408	0.773	0.140
138	1	0.390	0.067	0.457	0.340
138	11	0.365	0.122	0.487	0.350
138	21	1.482	0.329	1.811	0.340
138	39	1.400	0.955	2.355	1.750
138	59	0.223	0.266	0.489	1.130
138	80	0.286	0.344	0.630	0.100
138	97	0.214	0.293	0.507	0.080
138	152	0.107	0.201	0.308	0.070
139	1	0.546	0.112	0.658	0.440
139	9	0.546	0.084	0.630	0.420
139	20	0.573	0.115	0.688	0.430
139	42	0.650	0.151	0.801	0.400
139	60	0.365	0.151	0.516	0.230
139	81	0.189	0.127	0.316	0.150
139	100	0.055	0.088	0.143	0.080
139	148	0.018	0.119	0.137	0.070
939	1	0.520	0.138	0.658	0.403
939	10	0.520	0.138	0.658	0.422

Table 3. (continued)

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
939	20	0.546	0.169	0.715	0.421
939	40	0.390	0.154	0.544	0.305
939	60	0.312	0.232	0.544	0.213
939	80	0.495	0.565	1.060	0.213
939	100	0.468	0.447	0.915	0.272
939	147	1.070	0.741	1.811	0.441
940	3	0.416	0.156	0.572	0.396
940	8	0.468	0.161	0.629	0.400
940	20	0.520	0.138	0.658	0.410
940	40	0.755	0.333	1.088	0.455
940	61	0.214	0.157	0.371	0.275
940	81	0.075	0.076	0.151	0.100
940	100	0.026	0.060	0.086	0.069
940	151	0.013	0.093	0.106	0.070
140	0	0.598	0.145	0.743	0.280
140	10	0.573	0.115	0.688	0.320
140	21	0.676	0.154	0.830	0.410
140	40	0.156	0.187	0.343	0.140
140	61	0.124	0.212	0.336	0.110
140	80	0.091	0.190	0.281	0.080
140	100	0.057	0.223	0.280	0.090
140	149	0.041	0.195	0.236	0.080
141	1	0.911	0.120	1.031	0.410
141	10	1.066	0.164	1.230	0.490
141	20	1.235	0.305	1.540	0.810
141	40	0.468	0.447	0.915	0.230
141	60	0.148	0.305	0.453	0.120
141	80	0.107	0.228	0.335	0.100
141	100	0.057	0.205	0.262	0.090
141	150	0.013	0.070	0.083	0.080
142	1	0.858	0.057	0.915	0.260
142	11	1.015	0.159	1.174	0.270
142	21	1.565	0.337	1.902	0.720
142	41	1.646	0.436	2.082	1.920
142	61	1.317	0.494	1.811	1.180
142	81	0.231	0.168	0.399	0.220
142	102	0.045	0.085	0.130	0.110
142	120	0.442	0.416	0.858	0.120
143	0	0.165	0.016	0.181	0.090
143	10	0.165	0.016	0.181	0.090
143	20	0.181	0.000	0.181	0.090
143	40	0.165	0.016	0.181	0.100
143	64	0.354	0.117	0.471	0.190
143	78	0.416	0.185	0.601	0.360
143	101	0.272	0.145	0.417	0.270
143	151	0.049	0.056	0.105	0.060
144	1	0.189	0.019	0.208	0.110
144	10	0.181	0.018	0.199	0.110
144	21	0.197	0.020	0.217	0.110
144	41	0.189	0.010	0.199	0.120
144	61	0.231	0.032	0.263	0.160
144	81	0.305	0.085	0.390	0.190
144	102	0.495	0.250	0.745	0.460
144	151	0.034	0.037	0.071	0.080
145	1	0.132	0.031	0.163	0.070
145	11	0.132	0.005	0.137	0.080
145	20	0.124	0.022	0.146	0.070
145	41	0.117	0.026	0.143	0.080

Table 3. (continued)

Station	Depth	'a'	Phaeopig.	Total Chl.	Voltage
145	61	0.255	0.044	0.299	0.100
145	81	0.546	0.169	0.715	0.270
145	101	0.264	0.162	0.426	0.510
145	132	0.024	0.051	0.075	0.070
146	1	0.099	0.013	0.112	0.060
146	11	0.112	0.003	0.115	0.060
146	22	0.106	0.005	0.111	0.070
146	41	0.109	0.019	0.128	0.100
146	61	0.214	0.013	0.227	0.140
146	81	0.416	0.127	0.543	0.300
146	101	0.338	0.377	0.715	0.360
146	150	0.057	0.057	0.114	0.090
147	3	0.112	0.014	0.126	0.070
147	11	0.109	0.025	0.134	0.070
147	19	0.112	0.020	0.132	0.070
147	40	0.109	0.019	0.128	0.070
147	60	0.181	0.027	0.208	0.100
147	80	0.390	0.125	0.515	0.210
147	101	0.520	0.253	0.773	0.390
147	150	0.096	0.053	0.149	0.100
152	1	0.106	0.019	0.125	0.040
152	10	0.112	0.025	0.137	0.050
152	20	0.115	0.017	0.132	0.060
152	40	0.963	0.383	1.346	0.080
152	60	0.288	0.038	0.326	0.140
152	79	0.468	0.190	0.658	0.190
152	99	0.365	0.208	0.573	0.340
152	149	0.013	0.002	0.015	0.060
153	1	0.102	0.007	0.109	0.040
153	9	0.112	0.003	0.115	0.050
153	19	0.104	0.019	0.123	0.060
153	40	0.120	0.004	0.124	0.070
153	60	0.156	0.006	0.162	0.090
153	81	0.313	0.058	0.371	0.190
153	101	0.625	0.205	0.830	0.390
153	150	0.022	0.032	0.054	0.050
154	1	0.124	0.130	0.254	0.070
154	10	0.115	0.156	0.271	0.070
154	20	0.132	0.005	0.137	0.080
154	40	0.181	0.009	0.190	0.110
154	60	0.598	0.145	0.743	0.440
154	80	0.390	0.182	0.572	0.310
154	100	0.264	0.198	0.462	0.220
154	150	0.073	0.082	0.155	0.060
155	1	0.112	0.020	0.132	0.050
155	10	0.337	0.061	0.398	0.070
155	20	0.806	0.081	0.887	0.340
155	40	0.703	0.099	0.802	1.150
155	60	0.416	0.127	0.543	0.300
155	80	0.365	0.208	0.573	0.280
155	100	0.416	0.614	1.030	0.110
155	150	0.081	0.068	0.149	0.220
156	1	1.223	0.151	1.374	0.750
156	10	1.119	0.141	1.260	1.270
156	20	1.565	0.337	1.902	1.470
156	40	2.058	1.202	3.260	0.650
156	60	0.495	0.707	1.202	0.240
156	80	0.598	0.718	1.316	0.280

Table 3. (continued)

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
156	100	0.468	0.476	0.944	0.220
156	150	0.132	0.348	0.480	0.110
157	1	1.729	0.264	1.993	0.210
157	10	2.141	0.305	2.446	0.200
157	21	2.799	0.461	3.260	0.210
157	40	2.964	0.387	3.351	0.470
157	61	0.806	0.366	1.172	0.310
157	81	0.495	0.278	0.773	0.100
157	100	0.780	0.593	1.373	0.080
157	199	0.338	0.435	0.773	0.070
158	1	0.181	0.027	0.208	0.150
158	10	0.181	0.018	0.199	0.130
158	20	0.231	0.032	0.263	0.140
158	40	0.936	0.265	1.201	0.580
158	59	0.223	0.167	0.390	0.200
158	79	0.055	0.083	0.138	0.080
158	100	0.052	0.100	0.152	0.080
158	148	0.026	0.148	0.174	0.060
159	0	0.272	0.036	0.308	0.243
159	9	0.272	0.055	0.327	0.240
159	20	0.264	0.054	0.318	0.221
159	40	0.345	0.116	0.461	0.308
159	59	0.468	0.190	0.658	0.323
159	79	0.060	0.109	0.169	0.083
159	99	0.036	0.098	0.134	0.071
159	149	0.013	0.093	0.106	0.069
160	1	0.963	0.182	1.145	0.791
160	10	1.066	0.365	1.431	0.478
160	20	3.211	1.136	4.347	0.923
160	40	0.390	0.383	0.773	0.355
160	59	1.729	3.071	4.800	0.119
160	80	0.286	0.315	0.601	0.158
160	99	0.208	0.422	0.630	0.128
160	149	0.576	1.869	2.445	0.076
161	0	1.119	0.255	1.374	1.149
161	10	0.806	0.366	1.172	0.424
161	20	5.203	1.951	7.154	4.814
161	41	1.482	0.873	2.355	0.509
161	59	0.260	0.541	0.801	0.169
161	81	0.235	0.366	0.601	0.145
161	100	0.173	0.425	0.598	0.098
161	150	0.075	0.243	0.318	0.078
163	0	0.148	0.024	0.172	0.063
163	10	0.165	0.016	0.181	0.076
163	20	0.189	0.028	0.217	0.096
163	40	0.247	0.052	0.299	0.137
163	60	0.362	0.100	0.462	0.217
163	80	0.371	0.109	0.480	0.221
163	100	0.598	0.260	0.858	0.432
163	150	0.034	0.041	0.075	0.062
201	1	11.967	1.769	13.736	4.600
201	10	11.706	1.457	13.163	4.250
201	21	12.487	1.535	14.022	4.830
201	40	11.186	1.405	12.591	3.850
201	60	4.163	0.988	5.151	1.150
201	79	0.338	0.692	1.030	0.120
201	99	0.365	0.437	0.802	0.160
201	149	0.260	0.627	0.887	0.130

Table 3. (continued)

Station	Depth	'a'	Phaeopig.	Total Chl.	Voltage
202	1	8.065	1.093	9.158	2.310
202	9	7.805	1.066	8.871	2.980
202	19	12.227	1.795	14.022	4.030
202	38	9.626	1.249	10.875	2.770
202	59	7.545	0.755	8.300	2.070
202	79	0.099	0.255	0.354	0.090
202	100	0.049	0.186	0.235	0.080
202	150	0.107	0.427	0.534	0.100
203	1	9.626	0.000	9.626	2.710
203	9	9.106	0.911	10.017	3.090
203	20	7.805	0.495	8.300	2.100
203	40	5.724	1.145	6.869	2.480
203	60	5.724	0.573	6.297	1.510
203	79	5.203	1.379	6.582	1.450
203	99	3.382	1.483	4.865	1.370
203	150	0.182	0.562	0.744	0.140
204	1	6.764	1.249	8.013	3.200
204	10	7.805	1.066	8.871	3.370
204	20	9.626	0.963	10.589	3.220
204	40	4.163	1.275	5.438	1.700
204	59	3.293	0.873	4.166	0.940
204	80	3.623	0.815	4.438	0.760
204	100	3.787	1.013	4.800	0.120
204	150	0.650	0.924	1.574	0.100
205	1	3.642	1.223	4.865	2.520
205	10	3.902	1.249	5.151	2.740
205	20	4.943	1.066	6.009	3.750
205	40	1.482	1.054	2.536	0.380
205	60	1.729	1.350	3.079	0.800
205	80	0.468	0.676	1.144	0.180
205	100	0.520	0.625	1.145	0.190
205	149	0.182	0.591	0.773	0.450
206	1	0.313	0.131	0.444	0.110
206	10	0.495	0.221	0.716	0.170
206	21	1.646	0.980	2.626	0.440
206	40	1.894	0.642	2.536	0.910
206	59	2.470	0.700	3.170	1.020
206	80	2.716	0.996	3.712	1.050
206	100	1.565	1.153	2.718	0.690
206	149	0.338	0.606	0.944	0.150
207	1	1.066	0.278	1.344	0.560
207	9	0.650	0.351	1.001	0.750
207	21	0.703	0.471	1.174	0.270
207	39	1.482	1.145	2.627	0.720
207	60	0.625	0.864	1.489	0.390
207	81	0.598	0.833	1.431	0.300
207	100	0.988	1.005	1.993	0.380
207	150	0.442	0.645	1.087	0.160
208	1	0.296	0.048	0.344	0.100
208	10	1.565	0.337	1.902	0.220
208	20	1.975	0.469	2.444	1.310
208	40	2.799	0.824	3.623	1.350
208	60	2.964	1.202	4.166	1.150
208	79	0.390	1.269	1.659	0.240
208	100	0.182	0.476	0.658	0.130
208	149	0.075	0.252	0.327	0.080
209	2	1.400	0.049	1.449	0.350
209	10	1.729	0.354	2.083	1.110

Table 3. (continued)

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
209	20	3.457	0.980	4.437	3.550
209	40	8.585	2.289	10.874	2.330
209	61	1.235	0.576	1.811	0.590
209	80	2.799	1.095	3.894	0.310
209	101	0.573	0.658	1.231	0.180
209	149	0.057	0.277	0.334	0.080
210	1	3.128	0.494	3.622	0.510
210	9	2.387	0.601	2.988	0.830
210	19	3.902	0.676	4.578	2.230
210	39	8.846	1.743	10.589	3.500
210	61	0.650	0.465	1.115	1.030
210	79	0.091	0.335	0.426	0.080
210	100	0.115	0.446	0.561	0.120
210	148	0.182	0.562	0.744	0.120
211	1	0.885	0.000	0.885	0.280
211	10	0.416	0.099	0.515	0.240
211	20	0.650	0.151	0.801	0.250
211	40	1.041	0.275	1.316	0.450
211	59	0.365	0.094	0.459	2.530
211	81	5.984	0.885	6.869	3.030
211	100	8.846	0.598	9.444	2.680
211	150	0.033	0.212	0.245	0.080
212	0	0.094	0.024	0.118	0.060
212	8	0.091	0.009	0.100	0.060
212	20	0.099	0.030	0.129	0.060
212	40	0.148	0.042	0.190	0.140
212	60	0.520	0.195	0.715	0.480
212	80	0.416	0.242	0.658	0.350
212	99	2.552	0.436	2.988	0.820
212	150	0.013	0.067	0.080	0.070
213	0	0.085	0.008	0.093	0.060
213	10	0.085	0.017	0.102	0.060
213	20	0.091	0.046	0.137	0.060
213	40	0.115	0.048	0.163	0.090
213	61	0.264	0.099	0.363	0.190
213	80	0.520	0.224	0.744	0.420
213	100	0.247	0.161	0.408	0.210
213	150	0.009	0.055	0.064	0.060
214	0	0.112	0.014	0.126	0.090
214	10	0.122	0.015	0.137	0.080
214	20	0.132	0.013	0.145	0.100
214	40	0.165	0.025	0.190	0.110
214	60	0.223	0.031	0.254	0.150
214	81	0.703	0.242	0.945	0.480
214	101	0.338	0.235	0.573	0.320
214	150	0.011	0.027	0.038	0.060
215	0	0.124	0.013	0.137	0.110
215	10	0.124	0.031	0.155	0.110
215	20	0.728	0.102	0.830	1.020
215	41	0.468	0.218	0.686	0.440
215	60	1.811	0.544	2.355	0.590
215	80	3.211	0.774	3.985	0.860
215	100	1.729	0.897	2.626	0.530
215	151	0.260	0.541	0.801	0.140
216	1	6.764	10.978	17.742	5.000
216	10	8.325	0.833	9.158	5.000
216	20	5.464	1.405	6.869	2.250
216	40	3.623	0.996	4.619	0.990

Table 3. (continued)

Station	Depth	'a'	Phaeopig.	Total Chl.	Voltage
216	59	2.470	1.153	3.623	0.950
216	78	0.755	0.963	1.718	0.250
216	99	0.208	0.422	0.630	0.130
216	150	0.049	0.304	0.353	0.080
217	0	2.387	0.329	2.716	1.930
217	10	3.382	2.055	5.437	4.930
217	21	3.293	1.506	4.799	1.540
217	40	4.683	1.041	5.724	1.490
217	61	4.163	1.275	5.438	1.270
217	80	1.317	0.675	1.992	0.400
217	100	0.057	0.205	0.262	0.080
217	149	0.049	0.322	0.371	0.070
218	1	1.482	0.510	1.992	0.980
218	10	3.540	0.716	4.256	2.600
218	20	1.015	0.359	1.374	2.110
218	40	1.093	0.538	1.631	1.100
218	60	4.423	1.301	5.724	3.060
218	80	5.984	1.457	7.441	1.830
218	100	4.683	0.468	5.151	1.330
218	150	0.338	0.435	0.773	0.170
219	0	0.468	0.104	0.572	0.170
219	10	0.416	0.156	0.572	0.370
219	20	0.520	0.195	0.715	0.340
219	39	0.124	0.185	0.309	0.120
219	60	0.073	0.096	0.169	0.660
219	80	5.724	1.431	7.155	1.540
219	100	1.811	1.268	3.079	1.030
219	150	0.148	0.405	0.553	0.100
220	1	0.305	0.103	0.408	0.130
220	10	0.354	0.117	0.471	0.200
220	20	0.214	0.048	0.262	0.340
220	40	0.390	0.211	0.601	0.360
220	60	5.984	2.029	8.013	2.170
220	80	6.244	1.196	7.440	2.770
220	100	4.683	1.613	6.296	1.820
220	149	0.156	0.531	0.687	0.150
221	1	0.390	0.096	0.486	0.170
221	9	0.442	0.130	0.572	0.230
221	20	0.442	0.159	0.601	0.400
221	40	0.468	0.190	0.658	0.360
221	60	0.140	0.114	0.254	0.140
221	80	0.214	0.230	0.444	0.140
221	98	0.099	0.236	0.335	0.110
221	150	0.041	0.231	0.272	0.080
222	0	0.337	0.088	0.425	0.160
222	10	0.442	0.130	0.572	0.230
222	20	0.442	0.130	0.572	0.380
222	40	0.598	0.203	0.801	0.530
222	60	0.272	0.145	0.417	0.240
222	79	0.189	0.145	0.334	0.180
222	100	0.091	0.082	0.173	0.080
222	150	0.026	0.075	0.101	0.070
223	0	0.354	0.045	0.399	0.180
223	10	0.362	0.055	0.417	0.260
223	20	0.390	0.096	0.486	0.340
223	40	0.703	0.271	0.974	0.530
223	60	0.231	0.095	0.326	0.210
223	79	0.140	0.114	0.254	0.130

Table 3. (continued)

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
223	99	0.039	0.115	0.154	0.080
223	149	0.026	0.115	0.141	0.070
224	0	0.495	0.021	0.516	0.320
224	10	0.495	0.000	0.495	0.490
224	20	0.676	0.755	1.431	0.450
224	40	0.625	0.950	1.575	0.560
224	60	0.260	0.513	0.773	0.150
224	80	0.156	0.351	0.507	0.110
224	100	0.148	0.305	0.453	0.100
224	150	0.083	0.271	0.354	0.080
225	1	0.468	0.075	0.543	0.550
225	10	0.416	0.070	0.486	0.260
225	20	0.625	0.177	0.802	1.050
225	40	0.296	0.184	0.480	0.190
225	60	2.716	0.634	3.350	1.080
225	80	2.552	0.617	3.169	1.070
225	100	0.676	0.611	1.287	0.230
225	150	0.173	0.325	0.498	0.090
226	1	0.091	0.006	0.097	0.070
226	10	0.099	0.010	0.109	0.070
226	20	0.305	0.039	0.344	0.160
226	40	0.546	0.112	0.658	0.400
226	60	1.400	0.231	1.631	0.670
226	80	3.705	0.733	4.438	1.160
226	100	3.046	0.667	3.713	1.220
226	152	0.042	0.087	0.129	0.070
227	1	0.148	0.005	0.153	0.090
227	11	0.156	0.000	0.156	0.090
227	20	0.205	0.021	0.226	0.130
227	40	0.728	0.130	0.858	0.430
227	61	0.988	0.414	1.402	1.250
227	79	0.963	0.354	1.317	1.210
227	99	0.197	0.110	0.307	0.190
227	150	0.018	0.037	0.055	0.060
228	-2	0.099	0.000	0.099	0.060
228	10	0.096	0.006	0.102	0.060
228	20	0.088	0.006	0.094	0.060
228	41	0.124	0.022	0.146	0.080
228	60	0.173	0.054	0.227	0.100
228	80	0.305	0.257	0.562	0.290
228	100	0.296	0.202	0.498	0.240
228	149	0.015	0.044	0.059	0.060
233	1	0.088	0.000	0.088	0.060
233	10	0.091	0.001	0.092	0.060
233	20	0.094	0.004	0.098	0.050
233	40	0.181	0.009	0.190	0.090
233	60	0.329	0.142	0.471	0.190
233	80	0.312	0.317	0.629	0.310
233	100	0.205	0.156	0.361	0.200
233	150	0.019	0.032	0.051	0.060
234	1	0.091	0.004	0.095	0.060
234	10	0.091	0.004	0.095	0.060
234	20	0.109	0.011	0.120	0.060
234	40	0.156	0.034	0.190	0.080
234	60	0.313	0.095	0.408	0.160
234	80	0.806	0.310	1.116	0.560
234	100	0.223	0.213	0.436	0.200
234	150	0.014	0.022	0.036	0.060

Table 3. (continued)

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
235	1	0.102	0.000	0.102	0.050
235	10	0.096	0.000	0.096	0.050
235	20	0.091	0.015	0.106	0.050
235	40	0.112	0.005	0.117	0.060
235	60	0.173	0.035	0.208	0.100
235	80	0.416	0.185	0.601	0.330
235	100	0.288	0.237	0.525	0.250
235	150	0.017	0.027	0.044	0.060
236	1	0.115	0.000	0.115	0.050
236	10	0.120	0.017	0.137	0.070
236	20	0.120	0.015	0.135	0.070
236	40	0.313	0.049	0.362	0.100
236	60	0.468	0.104	0.572	0.300
236	80	0.416	0.214	0.630	0.260
236	100	0.231	0.123	0.354	0.240
236	150	0.009	0.025	0.034	0.060
237	2	0.598	0.000	0.598	0.170
237	10	1.066	0.164	1.230	0.290
237	20	0.573	0.200	0.773	0.790
237	40	0.625	0.292	0.917	0.370
237	60	1.015	0.531	1.546	0.450
237	80	0.755	0.419	1.174	0.220
237	100	1.482	0.510	1.992	0.450
237	150	0.091	0.126	0.217	0.100
238	1	0.362	0.036	0.398	0.150
238	10	0.354	0.081	0.435	0.190
238	20	0.833	0.084	0.917	0.290
238	40	2.387	0.692	3.079	0.910
238	61	1.153	0.658	1.811	0.620
238	80	0.416	0.556	0.972	0.190
238	100	0.235	0.424	0.659	0.110
238	149	0.041	0.185	0.226	0.070
239	1	0.495	0.135	0.630	0.240
239	10	0.703	0.127	0.830	0.350
239	20	1.041	0.419	1.460	0.760
239	40	1.153	0.568	1.721	0.970
239	60	0.468	0.362	0.830	0.330
239	80	0.416	0.556	0.972	0.230
239	100	0.260	0.398	0.658	0.190
239	150	0.075	0.252	0.327	0.090
839	1	0.390	0.125	0.515	0.323
839	20	0.755	0.505	1.260	0.765
839	40	0.650	0.208	0.858	0.564
839	60	0.223	0.231	0.454	0.268
839	79	0.132	0.312	0.444	0.156
839	100	0.165	0.361	0.526	0.162
839	153	0.057	0.277	0.334	0.089
840	1	0.442	0.102	0.544	0.390
840	10	0.495	0.135	0.630	0.388
840	20	0.781	0.335	1.116	0.709
840	41	0.703	0.328	1.031	0.508
840	60	0.205	0.165	0.370	0.182
840	81	0.148	0.133	0.281	0.116
840	101	0.173	0.244	0.417	0.206
840	149	0.083	0.198	0.281	0.099
240	1	0.148	0.015	0.163	0.120
240	10	0.148	0.024	0.172	0.120
240	20	0.247	0.052	0.299	0.200

Table 3. (continued)

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
240	40	0.676	0.296	0.972	0.580
240	61	0.442	0.245	0.687	0.380
240	80	0.047	0.082	0.129	0.080
240	99	0.031	0.097	0.128	0.080
240	151	0.013	0.067	0.080	0.070
241	1	0.520	0.052	0.572	0.390
241	10	0.988	0.042	1.030	0.550
241	20	1.565	0.337	1.902	1.320
241	40	1.153	0.477	1.630	0.480
241	61	0.338	0.235	0.573	0.380
241	79	0.264	0.262	0.526	0.210
241	99	0.390	0.411	0.801	0.270
241	151	0.115	0.247	0.362	0.090
242	1	0.140	0.005	0.145	0.070
242	10	0.124	0.022	0.146	0.070
242	19	0.132	0.022	0.154	0.070
242	40	0.247	0.034	0.281	0.150
242	60	0.329	0.078	0.407	0.210
242	80	0.416	0.214	0.630	0.380
242	100	0.181	0.154	0.335	0.180
242	150	0.029	0.019	0.048	0.060
243	0	0.122	0.000	0.122	0.060
243	10	0.109	0.005	0.114	0.060
243	20	0.124	0.031	0.155	0.070
243	40	0.181	0.018	0.199	0.090
243	60	0.390	0.096	0.486	0.130
243	79	0.780	0.000	0.780	0.320
243	101	0.286	0.257	0.543	0.280
243	150	0.034	0.049	0.083	0.060
244	1	0.099	0.007	0.106	0.040
244	10	0.109	0.000	0.109	0.040
244	21	0.112	0.005	0.117	0.050
244	40	0.165	0.025	0.190	0.070
244	60	0.280	0.055	0.335	0.140
244	80	0.676	0.268	0.944	0.360
244	100	0.495	0.335	0.830	0.350
244	151	0.024	0.039	0.063	0.060
245	1	0.085	0.005	0.090	0.050
245	10	0.088	0.006	0.094	0.040
245	20	0.088	0.006	0.094	0.050
245	40	0.124	0.031	0.155	0.070
245	60	0.296	0.065	0.361	0.140
245	80	1.066	0.479	1.545	0.290
245	100	0.280	0.182	0.462	0.290
245	151	0.036	0.144	0.180	0.060
253	1	0.081	0.005	0.086	0.070
253	10	0.078	0.014	0.092	0.060
253	19	0.081	0.008	0.089	0.060
253	40	0.102	0.022	0.124	0.060
253	60	0.165	0.016	0.181	0.080
253	80	0.345	0.135	0.480	0.180
253	99	0.495	0.365	0.860	0.450
253	150	0.013	0.046	0.059	0.060
254	1	0.102	0.007	0.109	0.070
254	12	0.096	0.013	0.109	0.070
254	20	0.096	0.015	0.111	0.060
254	40	0.124	0.031	0.155	0.090
254	61	0.189	0.037	0.226	0.120

Table 3. (continued)

Station	Depth	'a'	Phaeopig.	Total Chl.	Voltage
254	81	0.390	0.096	0.486	0.250
254	101	0.390	0.239	0.629	0.350
254	151	0.017	0.041	0.058	0.070
255	1	0.081	0.011	0.092	0.070
255	10	0.085	0.008	0.093	0.060
255	20	0.085	0.008	0.093	0.060
255	40	0.124	0.022	0.146	0.080
255	60	0.313	0.122	0.435	0.210
255	80	0.703	0.328	1.031	0.560
255	100	0.214	0.166	0.380	0.230
255	150	0.026	0.065	0.091	0.080
855	1	0.109	0.014	0.123	0.065
855	10	0.106	0.034	0.140	0.070
855	20	0.117	0.015	0.132	0.069
855	40	0.231	0.041	0.272	0.174
855	80	0.313	0.204	0.517	0.341
855	100	0.214	0.121	0.335	0.204
855	150	0.024	0.054	0.078	0.067
256	10	0.573	0.000	0.573	0.383
256	21	0.495	0.021	0.516	0.388
256	38	0.442	0.045	0.487	1.136
256	61	0.988	0.156	1.144	0.574
256	81	0.780	0.479	1.259	0.490
256	101	0.780	0.278	1.058	0.143
256	150	0.156	0.251	0.407	0.115
257	1	0.231	0.000	0.231	0.099
257	10	0.247	0.000	0.247	0.107
257	20	0.239	0.005	0.244	0.182
257	40	0.598	0.175	0.773	0.627
257	60	0.573	0.229	0.802	0.338
257	80	0.107	0.137	0.244	0.148
257	100	0.036	0.150	0.186	0.074
257	150	0.008	0.051	0.059	0.065
258	1	0.197	0.002	0.199	0.092
258	9	0.197	0.011	0.208	0.090
258	20	0.214	0.022	0.236	0.140
258	42	0.520	0.195	0.715	0.512
258	60	0.573	0.257	0.830	0.495
258	80	0.132	0.113	0.245	0.141
258	100	0.055	0.077	0.132	0.085
258	148	0.012	0.056	0.068	0.065
858	0	0.247	0.034	0.281	0.141
858	10	0.264	0.026	0.290	0.173
858	21	0.239	0.042	0.281	0.195
858	41	0.546	0.284	0.830	0.430
858	61	0.223	0.131	0.354	0.239
858	80	0.065	0.126	0.191	0.104
858	99	0.024	0.085	0.109	0.080
858	149	0.011	0.059	0.070	0.063
259	0	0.255	0.044	0.299	0.234
259	11	0.247	0.034	0.281	0.234
259	21	0.255	0.044	0.299	0.227
259	41	0.573	0.229	0.802	0.514
259	61	0.755	0.190	0.945	0.532
259	81	0.173	0.144	0.317	0.168
259	101	0.173	0.135	0.308	0.139
259	152	0.018	0.102	0.120	0.068
260	0	0.231	0.059	0.290	0.214

Table 3. (continued)

Station	Depth	*a*	Phaeopig.	Total Chl.	Voltage
260	10	0.239	0.042	0.281	0.214
260	20	0.223	0.049	0.272	0.215
260	40	0.255	0.080	0.335	0.239
260	61	0.520	0.338	0.858	0.271
260	80	0.042	0.095	0.137	0.075
260	100	0.026	0.100	0.126	0.066
260	150	0.008	0.069	0.077	0.070
261	2	0.442	0.073	0.515	0.417
261	12	0.468	0.104	0.572	0.385
261	19	0.546	0.084	0.630	0.363
261	41	0.728	0.359	1.087	0.505
261	60	0.260	0.312	0.572	0.266
261	80	0.115	0.156	0.271	0.095
261	100	0.036	0.095	0.131	0.072
261	149	0.018	0.076	0.094	0.064
262	2	0.104	0.005	0.109	0.069
262	10	0.112	0.011	0.123	0.072
262	20	0.109	0.008	0.117	0.073
262	38	0.117	0.012	0.129	0.073
262	60	0.416	0.099	0.515	0.532
262	81	0.520	0.253	0.773	0.335
262	102	0.365	0.236	0.601	0.214
262	150	0.060	0.060	0.120	0.095
263	0	0.099	0.005	0.104	0.057
263	10	0.104	0.005	0.109	0.057
263	20	0.102	0.013	0.115	0.059
263	40	0.181	0.018	0.199	0.070
263	60	0.468	0.133	0.601	0.194
263	80	0.416	0.214	0.630	0.324
263	99	0.390	0.296	0.686	0.386
263	150	0.013	0.035	0.048	0.062

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